

T.C. MİLLÎ EĞİTİM BAKANLIĞI
ORTAÖĞRETİM GENEL MÜDÜRLÜĞÜ
Öğretim Programları ve Ders Kitapları Daire Başkanlığı

HIT THE TARGET

READING COMPANION TO ENGLISH EXAMS

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DEVLET KİTAPLARI
Kitabın Basıldığı Matbaa Adı, 2024

Her hakkı saklıdır ve Millî Eğitim Bakanlığına aittir. Kitabın metin, soru ve şekilleri kısmen de olsa hiçbir surette alınıp yayımlanamaz.

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İSTİKLÂL MARŞI

Korkma, sönmez bu şafaklarda yüzen al sancak;
Sönmeden yurdumun üstünde tüten en son ocak.
O benim milletimin yıldızıdır, parlayacak;
O benimdir, o benim milletimindir ancak.

Çatma, kurban olayım, çehreni ey nazlı hilâl!
Kahraman ırkıma bir gül! Ne bu şiddet, bu celâl?
Sana olmaz dökülen kanlarımız sonra helâl.
Hakkıdır Hakk'a tapan milletimin istiklâl.

Ben ezelden beridir hür yaşadım, hür yaşarım.
Hangi çılgın bana zincir vuracakmış? Şaşarım!
Kükremiş sel gibiyim, bendimi çiğner, aşarım.
Yırtarım dağları, enginlere sığmam, taşarım.

Garbın âfâkını sarmışsa çelik zırhlı duvar,
Benim iman dolu göğsüm gibi serhaddim var.
Ulusun, korkma! Nasıl böyle bir imanı boğar,
Medeniyet dediğin tek dişi kalmış canavar?

Arkadaş, yurduma alçakları uğratma sakın;
Siper et gövdeni, dursun bu hayâsızca akın.
Doğacaktır sana va'dettiği günler Hakk'ın;
Kim bilir, belki yarın, belki yarından da yakın.

Bastığın yerleri toprak diyerek geçme, tanı:
Düşün altındaki binlerce kefensiz yatanı.
Sen şehit oğlusun, incitme, yazıktır, atanı:
Verme, dünyaları alsan da bu cennet vatanı.

Kim bu cennet vatanın uğruna olmaz ki feda?
Şüheda fışkıracak toprağı sıksan, şüheda!
Cânı, cânânı, bütün varımı alsın da Huda,
Etmesin tek vatanımdan beni dünyada cüda.

Ruhumun senden İlâhî, şudur ancak emeli:
Değmesin mabedimin göğsüne nâmahrem eli.
Bu ezanlar -ki şehadetleri dinin temeli-
Ebedî yurdumun üstünde benim inlemeli.

O zaman vecd ile bin secde eder -varsa- taşım,
Her cerâhamdan İlâhî, boşanıp kanlı yaşım,
Fışkırır ruh-ı mücerret gibi yerden na'sım;
O zaman yükselerek arşa değer belki başım.

Dalgalan sen de şafaklar gibi ey şanlı hilâl!
Olsun artık dökülen kanlarımın hepsi helâl.
Ebediyyen sana yok, ırkıma yok izmihlâl;
Hakkıdır hür yaşamış bayrağımın hürriyet;
Hakkıdır Hakk'a tapan milletimin istiklâl!

Mehmet Âkif Ersoy

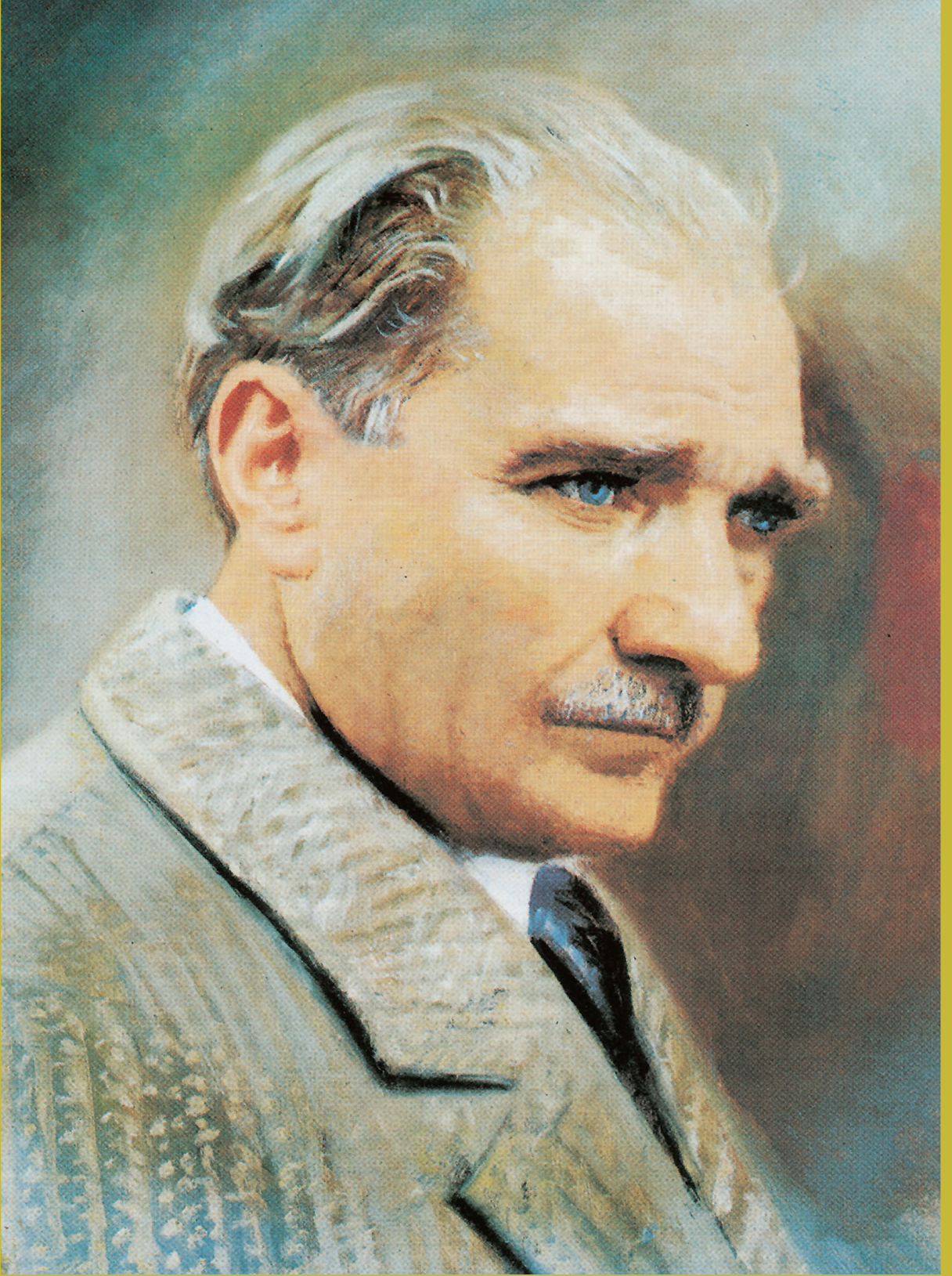
GENÇLİĞE HİTABE

Ey Türk gençliği! Birinci vazifen, Türk istiklâlini, Türk Cumhuriyetini, ilelebet muhafaza ve müdafaa etmektir.

Mevcudiyetinin ve istikbalinin yegâne temeli budur. Bu temel, senin en kıymetli hazinendir. İstikbalde dahi, seni bu hazineden mahrum etmek isteyecek dâhilî ve hâricî bedhahların olacaktır. Bir gün, istiklâl ve cumhuriyeti müdafaa mecburiyetine düşersen, vazifeye atılmak için, içinde bulunacağın vaziyetin imkân ve şeraitini düşünmeyeceksin! Bu imkân ve şerait, çok namüsaid bir mahiyette tezahür edebilir. İstiklâl ve cumhuriyetine kastedecek düşmanlar, bütün dünyada emsali görülmemiş bir galibiyetin mümessili olabilirler. Cebren ve hile ile aziz vatanın bütün kaleleri zapt edilmiş, bütün tersanelerine girilmiş, bütün orduları dağıtılmış ve memleketin her köşesi bilfiil işgal edilmiş olabilir. Bütün bu şeraitten daha elîm ve daha vahim olmak üzere, memleketin dâhilinde iktidara sahip olanlar gaflet ve dalâlet ve hattâ hıyanet içinde bulunabilirler. Hattâ bu iktidar sahipleri şahsî menfaatlerini, müstevlîlerin siyasî emelleriyle tevhit edebilirler. Millet, fakr u zaruret içinde harap ve bîtap düşmüş olabilir.

Ey Türk istikbalinin evlâdı! İşte, bu ahval ve şerait içinde dahi vazifen, Türk istiklâl ve cumhuriyetini kurtarmaktır. Muhtaç olduğun kudret, damarlarındaki asil kanda mevcuttur.

Mustafa Kemal Atatürk



MUSTAFA KEMAL ATATÜRK

PREFACE

Vocabulary and reading comprehension are paramount for success in English exams. A strong vocabulary not only allows students to express themselves with precision but also aids in understanding complex texts. Proficient reading skills help them quickly grasp the context and nuances of passages and answer questions accurately and efficiently. Furthermore, exposure to diverse vocabulary through reading enhances comprehension, ultimately leading to improved performance in English exams, where analysing and interpreting texts are essential. In essence, a well-developed vocabulary and robust reading skills go hand in hand, as they both contribute to overall linguistic competence.

With the aforementioned points in mind, we are delighted to present this comprehensive reading book with a focus on vocabulary, designed specifically for students preparing for the university entrance exam. Inside these pages, students will find a wide selection of texts that cover various topics, from literature and science to history and current affairs. The book comprises vocabulary exercises and multiple-choice questions encouraging students to think critically about the texts, analyse their structures, and infer meanings from the contexts. These will not only help students practise their reading comprehension but also deepen their understanding of the words, phrases, and idiomatic expressions used in the passages.

The book is organised into eight distinct themes consisting of four modules, each of which has a main passage complemented by related vocabulary exercises and reading comprehension questions. Following these is a cloze test in the first and third modules or a paragraph completion and an irrelevant sentence question in the second and fourth modules. In addition to the engaging content within each theme, this book also includes end-of-theme tests, which encompass forty multiple-choice questions intricately tied to the topic and designed to reinforce comprehension skills and revisit the vocabulary acquired within the respective modules. The book concludes with a target vocabulary list, allowing students to easily access and review key lexical items. Answer keys are also provided to help students assess their progress and ensure accuracy in their responses.

We know that preparing for the university entrance exam is a challenging journey, and we firmly believe that mastering vocabulary and reading comprehension is a crucial step towards success. With this book as their trusted companion and guide, we are confident that students will develop the language skills and confidence needed to excel in the exam.

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THEME 1 NATURE AND ENVIRONMENT

The Changing Seas: Climate Change and Fish Populations

The **impact** of climate change on food access is highly complex and variable. According to studies, climate change will soon pose a serious challenge of accessing food, which will lead to **malnutrition** in many people. One of the most important issues that we need to consider, **leaving aside** agricultural production, is the effect of climate change on seafood. We live in a world whose three-quarters is **surrounded** by the sea, and seafood is the main source of many vitamins and minerals, especially protein and Omega-3, that the healthy human body needs. However, the **sudden** increase in the temperature of seawater due to climate change is endangering the diversity and quality of marine life. Furthermore, the alteration in the potential hydrogen (pH) of seawater caused by this temperature increase also **threatens** the marine ecosystem. The temperature of the seas and oceans has risen **sharply** in the last decade. This has caused a **dramatic** change in fish populations and diversity. The water temperature, which is above average, causes fish not to grow and get fat enough; moreover, it **brings about** their migration northwards in shoals to reach cool waters. This situation **indirectly** leads to a decrease in the population of fish caught for human consumption, and fish consumption does not benefit the human body as much as it used to. As a result, this means most of the world's population will be deprived of its main food item in the near future.

a Match the highlighted words and phrases in the passage to the definitions below.

1. _____: without an immediate cause; incidentally
2. _____: a poor condition of health caused by a lack of food or a lack of the right type of food
3. _____: the powerful effect that something has on somebody or something
4. _____: to cause something to happen
5. _____: happening or done quickly and unexpectedly
6. _____: to be all around something
7. _____: to be likely to cause harm or damage to something or someone
8. _____: sudden, very great, and often surprising
9. _____: to not discuss one subject in order to discuss a different subject
10. _____: in a critical, rough, or severe way

b Complete the sentences with the correct forms of the words given below.

dramatic

impact

indirectly

sharply

sudden

surround

threaten

1. Everything _____ got much more complicated at the meeting, as most of the students started complaining about many different issues.
2. Those who can make _____ decisions during rough times are more likely to succeed in life than the others.
3. Although environmental awareness has increased _____ over the past decade, there is still too much to do to save our planet.
4. The drought, which ravaged some parts of the country for three years, was quite _____ for the local people, especially the farmers.
5. Although the scientists used _____ language in their speech, it was obvious that they were actually targeting at developed countries for global warming.
6. A boreal forest and its _____ area are often referred to as taiga, which is characterised by coniferous trees such as spruce and pine and a cold, dry climate.
7. _____ efforts to reduce greenhouse gas emissions are crucial in mitigating the devastating effects of climate change on our planet.

c Read the passage and choose the correct answer for the questions below.

1. According to the passage, seafood ----.

- A) must be consumed cautiously because it can cause serious health problems and even death
- B) is a better choice to get Omega-3, vitamins, and minerals when compared to agricultural food
- C) has become more important than agricultural production as a result of the increase in the temperature of the seas
- D) contains many nutritious ingredients that are needed for the healthy functioning of the human body
- E) is essential to people all over the world if it is caught only for human consumption

2. According to the passage, why do fish migrate to cool waters?

- A) They need to get bigger and gain weight, which is not likely to happen in warm seas.
- B) Their survival instinct leads them to move together in shoals when they are in danger.
- C) It usually happens in the northern part of the oceans, where fish need more energy.
- D) A decrease in the population of fish caught for human consumption is the major reason.
- E) No matter how big or fat fish are, they migrate to avoid unfavourable conditions.

3. One can infer from the passage that ----.

- A) agricultural production is not as sufficient as seafood in meeting the needs of the world population
- B) if necessary precautions are not taken, all sea creatures will become extinct in the next few decades
- C) climate change has a significant impact not only on sea life but also on people's access to healthy food
- D) a sudden increase in the temperature and the pH level of the seas has an impact on climate change
- E) when fish cannot eat well enough, they may seasonally migrate to the warmer parts of the seas

d Choose the best word or expression to fill the spaces in the passage.

When we compare developed countries (1)---- developing countries, it is obvious that most of the greenhouse gas emissions in developed countries are 'comfort' emissions. (2)----, while the emissions of developing countries are the results of trying to grow food, the emissions of developed countries are mostly caused by increasing the quality of life, such as cooling the interiors via air conditioners, driving a car with high fuel consumption, or going on a trip by plane. For instance, for a family living in London, going on a short-distance holiday by car (3)---- flying to a foreign country saves the same amount of greenhouse gas emissions as a month's food production for a village of a hundred Africans. Therefore, developed countries have much greater opportunities (4)---- these emissions compared to developing countries. The first thing to (5)---- in this regard is not the right to life but luxuries.

1.

- A) with
- B) by
- C) for
- D) over
- E) about

2.

- A) However
- B) In other words
- C) As a result
- D) Moreover
- E) Instead

3.

- A) on behalf of
- B) apart from
- C) besides
- D) along with
- E) instead of

4.

- A) to reduce
- B) to have reduced
- C) reducing
- D) having reduced
- E) to be reducing

5.

- A) approve
- B) collapse
- C) sacrifice
- D) vacate
- E) recognise

Harnessing the Power of Nature

Energy is essential for **sustaining** our daily activities and driving economic growth. However, it is important that we use safe and **efficient** energy sources. Despite the increasing use of renewable energy sources, most of the world's energy still **relies on** fossil fuels because of their capacity to generate a large amount of electricity at a single location. This situation not only creates major economic **burdens** for the countries dependent on fossil fuels but also poses a risk of global warming. The potential costs of global warming impacts, such as infrastructure damage from floods or hurricanes, urge governments to find clean energy solutions **immediately**. Renewable energy sources, such as solar, wind, water, and geothermal energy, can be **replenished** by nature. They generate few **pollutants** in the air, making them a much better choice than traditional fossil fuels. Compared to other renewable energy sources, solar energy is becoming **increasingly** popular among individuals and governments for its numerous advantages. Solar power is an excellent choice for its reliability as an **eternal** source of energy. Solar panels capture the sun's energy and convert it into electricity, which can be used for various purposes, such as powering homes and businesses, heating buildings and water, or producing electricity on a large scale in cities and towns. As fossil fuel prices continue to rise, more and more cities and towns are turning to solar power to generate electricity. Additionally, the decreasing cost of solar panels makes solar energy a viable option for the individuals and municipalities **seeking out** clean energy sources.

a Match the highlighted words and phrases in the passage to the definitions below.

1. _____: to provide enough of what somebody needs in order to live or exist
2. _____: to look for and find someone or something
3. _____: more and more
4. _____: responsibility that causes worry
5. _____: capable of producing desired results with little or no waste
6. _____: to fill or build up again
7. _____: at once; without delay
8. _____: to depend on someone or something
9. _____: a substance that makes air, water, soil, etc. dangerously dirty
10. _____: continuing forever

b Complete the following table with the correct forms of the words.

verb	noun	adjective	adverb
sustain			
X		efficient	
	burden		X
X			immediately
replenish		X	X
	pollutant		X
			increasingly
X		eternal	

c Read the passage and choose the correct answer for the questions below.

1. Which of the following is true about solar energy according to the passage?
- A) Solar power can be used for an unlimited period, and it can be renewed naturally.
 - B) A large number of pollutants are released into the air when solar power is used.
 - C) Solar power is not an efficient way of generating electricity for cities.
 - D) It can be difficult to provide power when it is needed with solar energy.
 - E) Many people cannot afford solar panels, so they continue using fossil fuels.
2. The reason why fossil fuels are the major source of energy is that they are ----.
- A) environmentally friendly and do not produce pollutants that contribute to global warming
 - B) abundant and widely available, making them a much more reliable source of energy
 - C) affordable and do not require costly equipment investments
 - D) limited in supply and cannot be replenished once they are used up
 - E) an efficient source of energy, capable of generating a large amount of electricity at one time
3. Which of the following could be the main idea of this passage?
- A) Fossil fuels are not clean energy sources, but they are vital for driving economic growth; without them, our economy would not be able to function.
 - B) The decreasing cost of solar panels has made solar energy a viable option for those seeking to use clean energy sources.
 - C) Although climate change is becoming a pressing global issue, most governments insist on using fossil fuels because they are affordable and efficient.
 - D) Renewable energy is a more environmentally friendly and cost-effective way to meet our energy needs than relying on fossil fuels.
 - E) The world still relies mostly on non-renewable sources of energy, which can lead to economic problems.

d Choose the best option to complete the missing part of the passage.

The use of natural sources to provide energy is as old as civilisation itself; however, generating electricity from them has only been possible in recent history. ---- This was a major breakthrough in making energy production more sustainable in those years. In the 20th century, the construction of dams became widespread, and hydroelectric plants began to play a significant role in the production of electric energy globally. With an efficiency of up to 90% at converting water into electricity, hydro energy is still a more viable option for large-scale energy production than other renewable energy sources.

- A) Thousands of years ago, people in Europe used flowing water to power mills for grinding wheat into flour.
- B) The world's first hydroelectric power plant was built in 1882 on the Fox River in Appleton, Wisconsin.
- C) A hydroelectric power plant works by harnessing the energy of falling water and using it to turn a turbine, which powers a generator.
- D) The main disadvantage of hydroelectric energy is its potential negative impact on the natural environment.
- E) Nevertheless, solar and wind power are used worldwide and are becoming increasingly popular for generating electricity.

e Choose the irrelevant sentence in the passage.

(I) Although solar energy adoption has been less common in some countries due to weather conditions, this is changing as batteries become more affordable and have greater capacity. (II) Adding an efficient energy storage system to your solar panels will increase the overall cost of the system, which may not be affordable for some people. (III) Battery storage technology helps to store energy so that it can be used even when there is no sunlight, which is vital in countries with variable weather conditions. (IV) Installing a battery storage system also allows homeowners to save money on their electricity bills by storing energy during the day and then using it at night. (V) Storage systems are also crucial for emergencies like natural disasters to keep the city running without depending on the electrical grid.

- A) I B) II C) III D) IV E) V

The Rock Cycle

Rock is a naturally occurring mass of one or more minerals formed in the Earth's crust and on its **surface** by temperature, pressure, time, and environmental changes. Based on the processes that resulted in their formation, rocks are **conventionally** classified into three major classes: igneous, sedimentary, and metamorphic. These three classes are then further subdivided into groups and types **diversely** depending on various factors, the most significant of which are chemical, mineralogical, and textural characteristics. Igneous rocks—**derived from** the Latin word for fire—solidify from magma, a molten mixture of rock-forming minerals and substances evaporating, such as gases and steam. This type of rock forms at high temperatures since its **constituent** minerals crystallise from molten material. Another one, sedimentary rocks, are created by depositing mineral or organic **particles** on the Earth's surface with the help of running water, wind, ice, or living organisms. Rivers, oceans, winds, and rain runoff can carry the particles **washed off** eroding rocks and transport them to a new location. Once enough particles removed from the rocks collect and settle in a new location, the lowest layers can **compact** and cement together to create solid rock. Meanwhile, the accumulated residue creates layers, which can be **distinguished** by colour, particle size, cement type, or internal arrangement. The third type, metamorphic rocks, are formed by the alteration of **pre-existent** rocks in return for changing environmental conditions, such as temperature change, pressure, mechanical stress, and chemical component addition or subtraction.

a Match the highlighted words and phrases in the passage to the definitions below.

1. _____: one of the parts of something that combine to form the whole
2. _____: the outside or top layer of something
3. _____: a very small piece of something
4. _____: to come or develop from something
5. _____: to be carried away from someone or something by the action of water or another liquid
6. _____: in several very different ways
7. _____: being present in a place at or from an earlier time
8. _____: to press something tightly together
9. _____: in a way that is normal and ordinary, and perhaps not very interesting
10. _____: to be a characteristic that makes two people, animals, or things different

b Rewrite the sentences below considering the original meaning of each sentence and using the words in parentheses.

1. Rocks have quite different characteristics because of their mineral components, the ways in which they are composed, and the processes that have influenced them since formation. (**constituent**)

2. Having formed billions of years ago at depths between 150 and 250 kilometres in the Earth's mantle under extreme temperature and pressure, diamonds are found only rarely, which makes them commonly valuable. (**conventionally**)

3. What makes granite different from all other rocks is that it is one of the most common rocks we come across daily, such as in kitchen countertops, house floor tiles, etc. (**diversely**)

4. Since different mineral interactions can result in various formations, the abundance and diversity of minerals in the Earth's crust explain why numerous rock types have existed. (**surface**)

5. Not only were the rocks formed by the particles taken from existing substances, but environmental factors also contributed to the rock formation process and their properties. (**wash off**)

c Read the passage and choose the correct answer for the questions below.

- 1. According to the passage, on what basis are rocks classified into various groups?**
- A) The interaction of one or more minerals determines the process, regardless of temperature and environmental changes.
 - B) Diverse minerals, specifically one or more, naturally compact residue layers in the Earth's crust and on its surface.
 - C) The components of the rocks can alter according to time, pressure, and environmental changes over the past years.
 - D) The properties of the accumulated residue impact the formation process remarkably, no matter how the circumstances change.
 - E) Based on the formation process, rock is a naturally occurring mass of mineral components formed by environmental factors.
- 2. Which of the following best describes the formation of sedimentary rocks?**
- A) The most vital factor affecting their formation is the power of the particles washed off eroding rocks.
 - B) The lowest layers compact so firmly that they create solid rock, which is a good example of rocks.
 - C) They are formed by depositing mineral or organic particles on the Earth's surface under various weather conditions.
 - D) Being of a different colour, particle size, cement type, or internal arrangement makes them distinguishable from other types.
 - E) Even though enough accumulation has been transformed somewhere, they still need the influence of decent weather conditions.
- 3. Which of the following can be inferred from the passage about metamorphic rocks?**
- A) They are formed entirely by temperature change, pressure, mechanical stress, and chemical component addition or subtraction.
 - B) The fact that they are the last rock formation type means they do not have an effective formation method.
 - C) They are derived from the available sedimentary and igneous rocks in response to changeable environmental conditions.
 - D) Hardly are they formed in decent environmental conditions when the pre-existent rocks release chemical reactions.
 - E) Neither altering pre-existent rocks nor changing environmental conditions play a significant role in their formation process.

d Choose the best word or expression to fill the spaces in the passage.

Cappadocia is famous for its unusual rock formations known as fairy chimneys, which (1)---- by natural forces during intense volcanic activity. (2)---- volcanic ash, lava, and basalt deposits began the foundation of today's unique landscape, earthquakes and the ongoing effects of erosion have created the valleys and the fairy chimneys. The cones in the area grew in size (3)---- numerous eruptions, forming a chain of volcanoes parallel to the Taurus Mountains. Furthermore, the volcanic material contributed to the appearance of a plateau, gradually moving (4)---- the depressed regions and covering the previously developed hills and valleys; this geological activity made the region's overall landscape unique. On the other hand, the rock underneath the top layer of basalt was (5)---- soft; therefore, it could be easily carved. Communities took advantage of this by settling many excellent homes, churches, and whole cities in the rock pillars and beneath the ground in Cappadocia.

- 1.**
- A) were being formed B) had been formed
 - C) were formed D) have been formed
 - E) will have been formed
- 2.**
- A) As B) Unless
 - C) Whereas D) Although
 - E) Before
- 3.**
- A) in spite of B) similar to
 - C) regardless of D) apart from
 - E) due to
- 4.**
- A) over B) against
 - C) behind D) towards
 - E) above
- 5.**
- A) accurately B) considerably
 - C) subsequently D) attentively
 - E) respectively

The Ticking Clock: Species under Threat

Time is of the essence when it comes to preventing endangered species from facing extinction. Unfortunately, their populations are declining at an alarming rate, and many of them are on the brink of disappearing as a consequence of habitat destruction and other environmental factors. Some animals are particularly vulnerable to the detrimental effects of human activities such as poaching and illegal wildlife trade. This further worsens their already fragile situation, and many of these species may go extinct in the future. As their populations decrease, ecosystems fall apart, causing irreparable damage to our planet. We cannot afford to turn a blind eye to these species dying out since they are an integral part of the natural world and their loss would have a profound impact on our environment. We should take responsibility for our actions and roll up our sleeves to work towards conservation efforts that will protect these endangered animals. By implementing effective conservation strategies, we can ensure that they have a fighting chance to survive and thrive. If we do nothing about them now, the consequences will be dire. The loss of a species will have a domino effect throughout the entire ecosystem, and we will be left with a world that is significantly different from the one we know today. We must act promptly to protect these species before it is too late; we cannot let this chance slip through our fingers.

a Match the highlighted words and phrases in the passage to the definitions below.

1. _____: a result of something that has happened, especially an unpleasant result
2. _____: to fail completely and have so many problems that it is no longer possible to exist or function in the usual way
3. _____: without delay; right away
4. _____: tending to cause harm, damage, or injury
5. _____: to put a decision, plan, or system into use
6. _____: in a way that is large or important enough to have an effect on something or to be noticed
7. _____: easily threatened, damaged, or destroyed
8. _____: to stop somebody from doing something; to keep something from happening
9. _____: to become less common and finally stop existing; to go extinct
10. _____: the action or process of causing so much damage to something that it no longer exists or cannot be repaired

b Replace the words or phrases in bold with one of the underlined phrases in the passage. Change the form if necessary.

1. It is time to **get to work** and take collective action to protect and preserve our natural resources for future generations.

2. Preserving the natural habitat of endangered species is **critically important** for their survival and the balance of the ecosystem.

3. If we do not start to handle the global climate crisis now, the opportunity to safeguard our planet's natural beauty and resources may **be missed** forever.

4. The coral reefs are **at the threshold of** destruction on account of climate change and human activities, posing a grave threat to marine life and the environment.

5. **Ignoring** the environmental impact of our daily activities may lead to permanent damage to nature and our planet.

c Read the passage and choose the correct answer for the questions below.

1. It is pointed out in the passage that several species of animals ----.
- A) are more susceptible to the devastating impacts of human actions like illegal hunting and animal trafficking
 - B) are facing extinction, mostly because of poor conservation strategies aimed at boosting their chances of survival
 - C) have the potential to lead to the irreversible destruction of ecosystems, so they are considered endangered
 - D) can only be saved from extinction through conservation efforts such as habitat restoration and hunting regulations
 - E) are hunted more than others due to their high demand in the black market, causing a decline in their populations
2. Which of the following is true about the extinction of species?
- A) The fall in population of endangered animals is the main reason, and it is crucial that conservation efforts are increased.
 - B) The outcomes of extinction can be minimised through the reintroduction of species into their natural habitats.
 - C) Giving all species a fair chance to get through extinction and thrive is one way to prevent this from happening again.
 - D) The consequences cannot be avoided even if humans make enormous efforts to preserve endangered species.
 - E) The ripple effect of extinction will make us live in a world having changed dramatically from what we know now.
3. What is the passage mainly about?
- A) The disastrous effects of illegal hunting and wildlife trade on endangered species
 - B) The urgency of taking action to prevent the extinction of endangered species
 - C) The effective ways of protecting endangered animals from habitat destruction
 - D) The reason behind the decrease in the population of endangered animals
 - E) The animal species that are especially defenceless to mass extinction

d Choose the best option to complete the missing part of the passage.

The Permian extinction was the largest mass extinction event in the Earth's history, wiping out around 90% of marine species and 70% of terrestrial species. Occurring approximately 252 million years ago, it was caused by a combination of factors, including climate change, volcanism, and anoxia (an absence of oxygen). ---- This, in turn, resulted in widespread oxygen depletion and the proliferation of anaerobic bacteria, producing toxic hydrogen sulfide. It took millions of years for biodiversity to recover from this catastrophic event, whose effects can still be seen in fossil records today.

- A) The Permian extinction profoundly affected life on the Earth, paving the way for the rise of the dinosaurs and other new species.
- B) The modern-day flora and fauna were believed to have been significantly affected by this event due to the mass extinction of various species, including the dominant ones.
- C) Scientists extensively studied the Permian extinction to better understand its causes and implications for life on the Earth.
- D) The eruption of the Siberian Traps released vast amounts of carbon dioxide and other greenhouse gases, leading to global warming and ocean acidification.
- E) The surviving species were those that were able to adapt to the new environmental conditions and ecological niches left vacant by the extinct species.

e Choose the irrelevant sentence in the passage.

(I) The extinction of a species can set off a ripple effect that alters the dynamics of the entire ecosystem owing to the interdependence of species through ecological processes like pollination, predation, and resource competition. (II) When a single species dies out, this can disturb these processes, putting the survival of other species at risk. (III) However, beyond this, extinction can also have repercussions on human societies, such as economic instability and the loss of resources. (IV) For example, the loss of bees can disrupt plant pollination, reducing the availability of food for other species. (V) The absence of predators can likewise lead to overgrazing and increased competition for resources among prey species.

- A) I B) II C) III D) IV E) V

For the questions 1–10, choose the best word or expression to fill the space.

1. The ---- of renewable energy sources, such as solar and wind power, can reduce our dependence on fossil fuels and decrease greenhouse gas emissions, helping to mitigate the impacts of climate change.
A) mitigation B) challenge
C) deprivation D) adoption
E) substance
2. In natural ecosystems, the ---- of a particular species can be influenced by the presence of competitors or predators, the availability of resources, and environmental factors.
A) emergency B) awareness
C) dominance D) excellence
E) instability
3. ---- weather forecasting methods involve analysing historical weather patterns and current atmospheric conditions to generate models predicting future meteorological events.
A) Significant B) Conventional
C) Abundant D) Catastrophic
E) Detrimental
4. Granite and quartz are typical examples of ---- rocks, which are so massively grained that no particles or crystals can be seen by the eye.
A) vulnerable B) constituent
C) affordable D) permanent
E) compact
5. The population of bees has ---- declined in recent years, which is a cause for concern, as they play a crucial role in pollinating many of the crops that are important for human sustenance.
A) sharply B) indirectly
C) reliably D) eternally
E) attentively
6. It is important to use fossil fuels ---- so that we can preserve them for future generations and reduce the negative impact on the environment.
A) competitively B) dramatically
C) unexpectedly D) irreparably
E) cautiously
7. Through the process of photosynthesis, green plants can ---- the Earth's oxygen supply by converting carbon dioxide and water into glucose and oxygen, with the latter being released into the atmosphere as a by-product.
A) replenish B) threaten
C) consume D) harness
E) prevent
8. Volcanic eruptions can ---- ecosystems through the release of toxic gases, the destruction of vegetation and wildlife habitats, and the alteration of water quality.
A) combine B) damage
C) approve D) subtract
E) cover
9. A great number of environmentalists insist on taking immediate action, as all plantations seem to have been ---- by heavy rainfall in Sudan, which may cause a food crisis soon.
A) sought out B) derived from
C) washed off D) brought about
E) left aside
10. Many species ---- their natural habitats for survival, and any disruption or destruction of these habitats can have devastating consequences.
A) lead to B) wipe out
C) set off D) rely on
E) come across

For the questions 11–15, choose the best word or expression to fill the spaces in the passage.

Land restoration, including agroforestry and assisted natural regeneration, as well as the protection of biodiversity-rich areas and the provision (11)---- natural resources, is an effective way to improve land degradation. More efficient irrigation systems and crop rotations—sustainable land management practices—conserve ecosystems (12)---- they also help to regulate local climate patterns, enhance the quality of water, and protect biodiversity. (13)---- impacting emissions reductions and biodiversity conservation, land restoration could have sizable economic gains, amounting to up to \$140 trillion per year. Renewable energy, such as bioenergy, could also be (14)---- land. Bioenergy is now one of the world's most important renewable energy sources, accounting for 55% of renewable energy and more than 6% of the global energy supply. In rural areas, specifically, it is also a significant source of employment. The biofuel industry employs over 2 million people worldwide and (15)---- to expand notably in the coming years.

11.

- A) over B) on
C) of D) through
E) from

12.

- A) after B) while
C) until D) although
E) unless

13.

- A) Rather than B) In addition to
C) In spite of D) Owing to
E) In the event of

14.

- A) made into B) aimed at
C) carried along D) imbued with
E) derived from

15.

- A) had been expected B) has been expected
C) was expected D) is expected
E) will have been expected

For the questions 16–20, choose the best word or expression to fill the spaces in the passage.

Daring to approach a snake, one can easily notice the absence of ears, which leads some (16)---- that snakes have poor hearing and mainly rely on vibrations through the ground to sense their surroundings. (17)----, recent research shows snakes are not completely deaf, and their hearing abilities may be essential for survival. Although some snakes seem to react more to visual stimuli, there are indications that hearing plays a crucial role in warning them (18)---- approaching predators. To further investigate this, a group of toxinologists conducted a study using nineteen species of snakes inhabiting diverse environments (19)---- the ground, trees, and water. The snakes were exposed to sounds ranging from 0 to 450 hertz, and both their tactile and airborne hearing were tested. The results showed that different snake groups responded differently to airborne sounds, while those in the same genus responded similarly, which suggests that the response to sounds is (20)----.

16.

- A) believing B) to have believed
C) to believe D) having believed
E) believe

17.

- A) Therefore B) Similarly
C) Moreover D) However
E) Instead

18.

- A) into B) of
C) with D) to
E) over

19.

- A) such as B) as regards
C) despite D) rather than
E) as well as

20.

- A) obligatory B) dominant
C) accidental D) restrictive
E) inheritable

Answer the questions 21–23 according to the passage below.

Since the ocean absorbs excess heat and energy trapped in the Earth's system due to rising greenhouse gas emissions, it has long taken the brunt of the effects of global warming. That extra heat and energy warming the ocean cause unprecedented cascading effects such as ice melting, sea-level rise, marine heatwaves, and ocean acidification. With intense tropical cyclones, sea-level rise has exacerbated extreme events, including deadly storm surges and coastal hazards. Flooding, erosion, and landslides, which are now expected to occur at least once a year in many places, have disastrous consequences for coastal life. Additionally, rising temperatures increase the risk of irreversible loss of marine and coastal ecosystems. Today, we have seen some changes, such as damage to coral reefs and mangroves that support ocean life and species migration to higher latitudes and altitudes where the water conditions are more suitable. The latest estimates from the United Nations Educational, Scientific, and Cultural Organization warn that more than half of the world's marine species may become endangered by 2100.

21. It can be inferred from the passage that the temperature change ----.

- A) not only causes sea-level rise, including hazardous natural events but also impacts some communities' lives and livelihoods
- B) has merely played a key role in the migration of species to higher latitudes and altitudes
- C) does not have immense impacts on coastal and marine life, as it is expected to occur yearly
- D) leads to cascading devastating natural events and inevitable damage to coral reefs, mangroves, and marine species
- E) has been recently observed to cause all of the world's marine species to face extinction by 2100

22. According to the passage, ----.

- A) sea-level rise, together with tropical cyclones, has aggravated extraordinary events that cause disastrous consequences for coastal life
- B) excess heat and energy cause unpredictable sequential events, such as ice melting, that support coastal and marine ecosystems
- C) global warming leads to extra heat and energy being trapped in the Earth's system; therefore, marine species have changed
- D) coral reefs and mangroves that provide habitat for marine species have been restored to minimise the damage to species
- E) based on the observations made in the ocean, the extinction of the world's marine species could be held up by 2100

23. Why does the United Nations Educational, Scientific, and Cultural Organization warn?

- A) To a large extent, marine species may become extinct by the end of the century due to global warming.
- B) Species migration to higher latitudes and altitudes, in particular, is a clear indication that they will be endangered by 2100.
- C) It is no use stopping marine species extinction unless greenhouse gas emissions in the Earth's system are reduced.
- D) Global warming causes sea-level rise, leading to coastal flooding and erosion; the world's marine species may face extinction by 2100.
- E) If all these latest estimates come true, it will be too late to rescue marine species by 2100.

Answer the questions 24–26 according to the passage below.

The American Southeast will soon be populated with genetically modified (GM) trees with enhanced photosynthetic capabilities. The expectation is that these fast-growing trees will become even more effective at absorbing carbon dioxide from the atmosphere, thereby aiding in mitigating the climate crisis. The study, which has not yet been peer-reviewed, was conducted in collaboration with Oregon State University and suggests that GM trees acquire 53 per cent more biomass than their conventional counterparts, trapping up to 27 per cent more carbon dioxide. The project was developed by a California-based biotechnology company. This preliminary research was conducted in a greenhouse under laboratory conditions, but the GM trees have just lately been released into the wild. Genetic modification is often a controversial issue that causes distrust and concern, and this endeavour is no exception. The Global Justice Ecology Project has issued a statement in opposition to the company's plans, asserting that the long-term consequences of GM trees, their seeds, or their pollen for forests, animals, and human health are unknown. According to the company, several precautions have been taken to decrease the danger of 'unintended consequences', and numerous protections are in place. Another concern is whether or not this small firm can make a significant impact on the looming climate disaster.

24. According to the passage, the idea of planting genetically modified trees ----.

- A) arouses suspicion and fear among scientists since it is one of the most controversial issues
- B) has been put into practice recently to take in more carbon dioxide from the atmosphere
- C) will be abandoned because of its negative impact on forests, animals, and human health
- D) is the brainchild of a biotechnology company in California and Oregon State University
- E) has an enormous effect on climate disasters, just as preliminary research predicted

25. The Global Justice Ecology Project released a statement in opposition to the company's plans because ----.

- A) there is a lack of information about the potential dangers of GM trees to flora, fauna, and human health
- B) the GM trees' ability to photosynthesise is the most important factor in reducing climate change
- C) the study concerning the GM trees is yet to be peer-reviewed, which raises concerns among scientists
- D) the authorities have decided to plant GM trees without waiting for the findings of scientific studies
- E) the firm has failed to take all necessary precautions to prevent unforeseen consequences

26. What is the author's attitude towards genetically modified trees?

- A) Frustrated
- B) Irreverent
- C) Sceptical
- D) Pragmatic
- E) Humorous

Answer the questions 27–29 according to the passage below.

It is possible to classify climate changes in former times into two categories: those resulting from sudden events and the ones that occurred over long periods. Climate changes caused by sudden events such as meteor strikes or volcanic eruptions almost certainly led to the extinction of many species. It should be noted that it took millions of years for new species to replace the former ones after such events. The main reason for this is that most living species cannot adapt quickly to abrupt changes. New species could only begin to adapt to these changing climatic conditions after millions of years, ensuring the continuity of life. However, if the world's average temperature were to increase by six degrees in the next hundred years, many species could die out, but human beings would likely survive. This is because humans are the species best equipped to adapt to and keep up with changing conditions quickly.

27. According to the passage, climate changes ----.

- A) such as meteor strikes or volcanic eruptions have always ended in the extinction of human beings
- B) are the main reason for sudden events that last over long periods, no matter how effective they are
- C) may cause such diversity in climatic conditions that human beings cannot ensure the continuity of life
- D) will sharply increase the world's average temperature by six degrees in the next hundred years
- E) may have happened gradually over a period of time as well as after an instant event in former times

28. According to the passage, why does it take millions of years to take over from the former species?

- A) Dramatic events make them suffer a lot, so they cannot secure the persistence of their species.
- B) Almost all of the species that emerge after rapid events cannot react to the transformation instantly.
- C) It is usually because of the increase in average temperature and the change in climatic conditions.
- D) A great number of species can get used to sudden changes very quickly, but it takes time.
- E) They are as fast as human beings in terms of adapting to and keeping up with the changing life conditions.

29. It can be inferred from the passage that ----.

- A) even after the extinction of all species, climate changes can last millions of years until human beings disappear
- B) if some species can adapt to the world's average temperature, they will ensure the continuity of their lives
- C) humans get used to changing conditions fast, which lets them continue their lives under some unusual circumstances
- D) of all the species in nature, human beings are the only ones who can avoid total extinction, no matter what happens
- E) the temperature quickly increases when sudden climate changes like meteor strikes or volcanic eruptions happen

Answer the questions 30–32 according to the passage below.

As global temperatures continue to rise, heatwaves are becoming more frequent and posing a serious threat to human health. Higher temperatures can worsen existing medical conditions, such as asthma and other respiratory illnesses because warmer air can hold more smog and other pollutants, making it extremely difficult to breathe. In addition, climate change is causing animals' habitats to change and expand, which increases the risk of humans encountering new viruses. Furthermore, hot temperatures create a greater risk for the spread of diseases like malaria and dengue fever as the insect season gets longer and new disease-carrying species, like mosquitos, are able to survive in warmer climates. For instance, in Southeast Asia, there have been many epidemics in recent years, with hundreds of thousands of reported and unreported cases. These epidemics have resulted in significant numbers of deaths, particularly in countries such as Pakistan, India, Bangladesh, and Sri Lanka, which are more severely affected. Climate change is thought to be one of the main driving factors behind these epidemics, increasing mosquito populations.

30. According to the passage, heatwaves ----.

- A) can be fatal for the people with chronic illnesses
- B) are confined to certain areas
- C) reduce the spread of infectious diseases
- D) have impacts on the life cycle of many organisms
- E) increase the risk of severe droughts

31. Which of the following is true about the epidemics in Southeast Asia according to the passage?

- A) Epidemics in the region are usually caused by an infection transmitted through person-to-person contact.
- B) Epidemics in the region are often caused by poor living conditions and a lack of access to clean water.
- C) The incidence of epidemics increases with temperature due to the increased population of insects in the region.
- D) The displacement of animals from their natural habitats due to climate change has led to a rise in epidemics in the region.
- E) The high population density in Southeast Asia is contributing to the spread of epidemics in the region.

32. Which of the following could be the best title for the passage?

- A) Health Risks Due to Global Warming
- B) Causes and Effects of Global Warming on the Environment
- C) The Influence of Extreme Weather Events on Insects
- D) The Long-Term Effects of Climate Change
- E) The Harmful Impacts of Global Warming on Wildlife

For the questions 33–36, choose the best option to complete the missing part of the passage.

33. The Amazon River basin, which spans the northern half of South America, is home to the world's largest river as well as the world's largest tropical forest. Along with one-third of all known plants and animals, it is also home to some rare species, such as the dorado catfish, which migrates over 11,000 kilometres from the Andes to the river. ---- The Brazilian state of Pará holds 9% of the world's rainforests but, unfortunately, has the country's highest rate of deforestation since the habitat is cleared for farms and ranches. The loss of these forests can put the Amazon's web of life and its climate in jeopardy.

- A) In addition, deforestation in recent years has prevented these remarkable species from living in their habitats.
- B) Even though humans have harmed the environment, authorities in some countries take strict precautions.
- C) The species in this region are in need of help from countries not to lose their habitats.
- D) The immense rainforests throughout the basin restrict the lives of local residents in terms of agriculture and livestock.
- E) It is not only plants and animals that live here—30 million people call this region home.

34. Bats are mammals that use echolocation to find their prey in the dark. ---- This technique enables them to distinguish between the objects in their environment and even detect movement, making them one of the most efficient hunters in the animal kingdom. Interestingly, bats are not the only animals to use echolocation, as some whales and dolphins have also developed this skill to navigate through their environments. Therefore, it is safe to say that echolocation is a remarkable ability shared by bats and marine mammals, which helps them survive in their respective habitats.

- A) Researchers study echolocation to improve sonar and radar technologies like navigation and military surveillance.
- B) Their wings are adapted for flying, and their diets can range from insects to fruit, nectar, and even blood.
- C) Despite their reputation as scary animals, bats play an essential role in ecosystems as pollinators and insect controllers.
- D) Echolocation involves emitting high-pitched sounds and interpreting the echoes that bounce back.
- E) However, some bats are known to use their sense of smell and vision to find their way and hunt.

35. As a result of global warming, the ice in polar regions has been melting gradually for years. The sea level is projected to rise by up to 1.1 metres in many regions by 2100, which would cause lands to be flooded. ---- The Dutch,

for example, have become world models for using hydro engineering technology to keep the Netherlands safe from erosion. They have built a giant steel barrier to hold seawater back, and by doing this, they have not only been protected from erosion but also gained a lot of land.

- A) Some countries are aware of the fact that the Earth is getting warmer and warmer every day due to climate change.
- B) The Japanese, whose diet depends mostly on seafood, will face the economic consequences of this situation sooner or later.
- C) In case of a sudden sharp decrease in global temperature, coastal countries will have to take immediate technological precautions.
- D) Many acres of coastal land are lost each year, and some coastal nations have been struggling hard to preserve their homeland from seawater.
- E) The major reason why some nations develop the highest technology in hydro engineering is to provide more land for their country.

36. Iceland generates 85% of its primary energy from renewable sources. Geothermal energy is the leading energy source in Iceland thanks to its large number of volcanoes and hot springs, which provide an abundant source of hot underground water. This water is used to generate both power and direct use, such as heating homes. Geothermal power facilities currently generate 25% of Iceland's total electricity, making them a major contributor to its energy mix. ---- This would make Iceland a leader in sustainability among other countries.

- A) By 2050, the country plans to replace the remaining 15% of fossil fuels used in the transport and fishing sectors with renewables.
- B) The leftover water is used for snow-melting systems to prevent the streets and walkways from being icy in the winter.
- C) Geothermal energy comes from the natural heat of the Earth, which is created by the natural decay of radioactive elements.
- D) Hydropower is also common in Iceland due to the high concentration of glacial rivers and waterfalls in the country.
- E) However, there are still some areas that are too remote or rural to have the necessary infrastructure for accessing geothermal power.

For the questions 37–40, choose the irrelevant sentence in the passage.

37. (I) The descent and ascent in the Earth's hydrological cycle, due to human-induced climate change, ultimately have a huge impact on the world's economic output. (II) Water scarcity affects agricultural productivity and labour outcomes and causes conflict; conversely, flash flooding can cause damage and reduce economic output. (III) Soil is also greatly influenced by rainfall change, which causes it to be either too wet or too dry. (IV) Rainfall changes, on the other hand, are difficult to model or assess on a single-country basis, making it difficult to predict the global economic cost of climate change-induced rainfall. (V) To model the impact of rainfall change on economic growth, a group of scientists worked on 1,544 regions across 77 countries over the last 40 years.

A) I B) II C) III D) IV E) V

38. (I) Industrial agriculture has several harmful effects on the environment and human health, which include soil erosion and water pollution. (II) They are caused by the excessive use of pesticides and chemical fertilisers, as well as the monoculture farming system, where a single type of crop is cultivated. (III) Furthermore, industrial agriculture contributes to the depletion of natural resources and the loss of biodiversity. (IV) However, sustainable agriculture practices such as crop rotation and organic farming can help mitigate these negative effects and provide us with ecological and health benefits. (V) Ultimately, both forms of agriculture have their own pros and cons, and farmers should achieve a balance between productivity and sustainability.

A) I B) II C) III D) IV E) V

39. (I) Deforestation reduces the humidity in the atmosphere and can therefore have devastating effects on farmers, restricting the availability of water for their crops. (II) Without sufficient rainfall, crops cannot grow properly, leading to food shortages and higher prices. (III) This may have a detrimental impact, economically speaking, on both the farmers and the consumers. (IV) For example, a loss of 2,000 square metres of plantation usually results in a loss in the amount of farmland. (V) While higher prices may benefit some farmers, others may be at risk of going bankrupt if they are unable to cover their production costs.

A) I B) II C) III D) IV E) V

40. (I) Wind power is a sustainable way to generate electricity, as it emits zero carbon; however, it can have some negative impacts on wildlife, including birds, bats, and sea creatures. (II) Each year, millions of birds and bats are killed when they collide with the spinning blades of wind turbines. (III) In addition, there has been a rise in the number of turbines installed in coastal waters globally, with the individual turbines becoming larger. (IV) This has caused an increase in underwater noise levels, which can disturb sensitive species and force them to leave their habitat. (V) Finally, people who live near wind turbines often experience dizziness and headaches due to the noise the turbines make.

A) I B) II C) III D) IV E) V



THEME 2

LEISURE AND ENTERTAINMENT

Video Gaming: From Arcade Halls to Your Fingertips

The realm of video gaming has undergone a remarkable transformation since its **inception** ⁽¹⁾ in the late 1950s. The first games were **rudimentary**, ⁽²⁾ kilobyte-sized programs with pixelated graphics, usually played on big machines located in arcade halls. Over time, however, video gaming has progressed into a colossal revenue generator, **accounting for** ⁽³⁾ billions of dollars annually. Since the graphics have become **incredibly** ⁽⁴⁾ realistic thanks to the advancements in both hardware and software technology, the file sizes of modern games can run into tens of gigabytes. Moreover, video games have also transformed over the years in terms of gameplay, from simple arcade-style games to complex **narratives** ⁽⁵⁾ and quests that can keep players glued to their screens for a long period of time. Instead of just trying to achieve high scores, players can now immerse themselves in rich, **intricately** ⁽⁶⁾ structured worlds with their own set of rules and characters. These changes have also made gaming more **accessible** ⁽⁷⁾ than ever, with devices that can fit in the palm of a hand. Smartphones and tablets have, without a doubt, broadened the pool of potential gamers to those who may have been previously **excluded** ⁽⁸⁾ due to a lack of access to consoles or PCs. The increasing popularity of e-sports has also **added to** ⁽⁹⁾ the growth of video gaming, with professional gaming tournaments drawing huge crowds and offering large cash prizes. As a result, video gaming has **evolved** ⁽¹⁰⁾ into a truly global phenomenon enjoyed by people of all ages and from all walks of life.

a Choose the correct meaning of the highlighted and numbered words and phrases in the passage.

- | | |
|---|--|
| 1. A something new that happens
B the starting point of an activity
C the state that something is in | 6. A without paying careful attention
B in a very complex or detailed way
C in a way that is not organised well |
| 2. A not highly or fully developed
B important but somehow hidden
C forming an essential element | 7. A not intimately related
B easy to get and use
C more than adequate |
| 3. A to form the total of something
B to depend on a particular amount
C to be the reason of something | 8. A to let someone leave a place
B to send someone far away
C to deny access to a privilege |
| 4. A in a very strange way
B to a very high degree
C in an illogical manner | 9. A to increase something in amount or size
B to be made from two or more things
C to reckon or calculate a figure or amount |
| 5. A a phrase with a special meaning
B a piece of writing that is published
C a story or a description of events | 10. A to bring or put into operation
B to completely change something
C to develop slowly over time |

b Complete the sentences with the correct forms of the words given below.

accessible

evolve

exclude

incredibly

intricately

narrative

- The _____ puzzles and complex gameplay mechanics of most newly released video games challenge even the most skilled players.
- Game developers should attach priority to _____ features to ensure that a wide range of players can enjoy their games.
- Since educational games make learning fun and engaging for students, using them in the classroom is of _____ importance.
- The _____ of video games from simple pixels to 3D virtual worlds is a truly remarkable technological advancement.
- _____ in multiplayer games can lead to negative experiences for players who are left out or unfairly treated, so game developers should try to create inclusive environments.
- Video games that _____ the story from the main character's perspective allow players to connect more closely with the protagonist and become fully engrossed in the game's world.

c Read the passage and choose the correct answer for the questions below.

1. Which of the following can be inferred from the passage about the first video games?

- A) The cost of their yearly programming was in the billions.
- B) They were a major source of revenue for the gaming business.
- C) The pixellated graphics made them look simple and retro.
- D) They were mostly favoured by arcade halls because of their size.
- E) They were quite distinct from the current ones in many respects.

2. According to the passage, since players no longer have to focus solely on scoring well, they ----.

- A) can enjoy their smartphones and tablets that allow them to play whenever they want
- B) may receive cash prizes should they win a professional gaming tournament
- C) need an access to consoles or PCs to meet the recommended system requirements
- D) can explore full, elaborately built worlds, each with its own laws and characters
- E) are glued to their screens longer than ever thanks to complicated storylines and quests

3. What is the primary purpose of the author?

- A) To give an account of games played throughout the history
- B) To provide some brief information about arcade halls
- C) To warn readers about the consequences of long-term play
- D) To discourage people from playing arcade-style games
- E) To explain how video games developed so radically

d Choose the best word or expression to fill the spaces in the passage.

Compulsive mobile gaming (1)---- a widespread phenomenon among smartphone users, especially in the last decade. The intricate game designs, along with a combination of rewards and praises, various levels, and interactive features, activate the brain's reward system, thereby releasing dopamine and providing a delightful sensation. This pleasure-seeking experience (2)---- a vicious cycle of intensified gameplay, leaving players craving for more. (3)---- the habit-forming nature of mobile gaming, there are numerous ways to break the habit. First, you should recognise the negative effects of excessive mobile gaming on your well-being and take steps to regain control of your life. Setting boundaries, such as time limits or using apps that restrict access, can be effective. (4)----, you could try replacing mobile gaming with other rewarding activities like exercise, reading, or socialising. Seeking support (5)---- friends and family or professional help may also provide a solution.

1.

- A) had become B) would become
- C) has become D) was becoming
- E) became

2.

- A) implants B) distorts
- C) reverses D) triggers
- E) broadens

3.

- A) For all B) Similar to
- C) Unlike D) Owing to
- E) By means of

4.

- A) Even so B) However
- C) Instead D) Therefore
- E) In addition

5.

- A) of B) over
- C) by D) from
- E) between

Beyond Virtual Reality Glasses

Virtual reality (VR) technology is designed to alter the nature of online activities by creating more **immersive** and interactive experiences. It provides a realistic environment where people can interact with each other or visit somewhere else in a **simulated** display. By doing so, it can help to **reduce** the costs associated with physical events and save time. With this technology, you can have the chance to **look round** museums, art galleries, and historical sites no matter where you are. The Louvre Museum in Paris, for instance, allows visitors to **undertake** virtual tours of its collections and exhibitions without rope barriers and glass walls. The experience brings a variety of features, such as the ability to view some famous works of art in high **resolution** and learn about the context of each piece. The *Mona Lisa*, which is **apparently** the most precious item in the Louvre, has been exhibited online through an eight-minute VR tour since 2020. The tour begins in the museum, face to face with the portrait, and then it **gradually** takes you back in time to the original setting where you can see the real woman Da Vinci painted. The experience also gives detailed information about the techniques and the **enhancement** process of the painting. Eventually, this way of seeing the *Mona Lisa* will soon **turn out** to be the best way to observe all the details invisible to the naked eye behind the bulletproof glass in the museum.

a Complete the following table with the correct forms of the words.

verb	noun	adjective	adverb
		immersive	X
		simulated	X
reduce			X
	resolution	X	X
			apparently
			gradually
	enhancement		X

b Replace the words and phrases in bold with the ones given below. Change the form if necessary.

enhancement immersive look round reduce simulated

- The **improvement** in VR technology is promising, as it becomes more in demand and widespread every single day, which will lead to more investments.

- Artificial intelligence tools have transformed the way we learn into a **computer-generated** one via educational apps, so people can now access information from anywhere at any time.

- By **cutting down on** online activities such as streaming and gaming, we can increase our productivity, focus on the things that matter, and make more time for physical activities.

- It is important to use technology in a balanced and mindful manner, being aware of its conveniences and **mesmerising** effects, and taking steps to protect ourselves in the digital age.

- Virtual tours can also be used for educational purposes, such as virtual field trips that allow students to **visit** historical places to see ancient cultures and archival materials.

c Read the passage and choose the correct answer for the questions below.

1. According to the passage, VR technology ----.

- A) is considered a revolution because it has the ability to create interactive environments at home
- B) allows its users to design online activities to reduce the cost of the physical exercise needed daily
- C) may not be time-saving, as it provides virtual interactive experiences for people that last for long hours
- D) is a cutting-edge tool to visit somewhere physically, like museums and art galleries, without rope barriers
- E) has evolved over the years via the development of accessible and interactive online practices

2. According to the passage, what is the advantage of visiting a museum on a VR tour?

- A) It provides a wide range of specialties, such as viewing the items in detail and getting more information.
- B) Visitors can have the chance to get in touch with each other and talk about the context of the pieces.
- C) It is helpful only when people do not want to see exhibitions after long queues and behind glass walls.
- D) No matter how famous or precious the item is, people are willing to learn more about the details virtually.
- E) Exploring the Louvre in the comfort of your own house will undoubtedly bring a wealth of experience.

3. It can be inferred from the passage that ----.

- A) people generally do not care whether it is simulated or not; they only need a realistic environment to interact with each other
- B) when the Louvre Museum allowed visitors to see its collections on online tours, the costs associated with real-life activities went down
- C) since the details of an artwork are sometimes invisible to the naked eye, it is really hard to see them behind a glass wall in the crowd
- D) The VR tour of the *Mona Lisa* will probably be the best way to see it in the future as it gives details that you cannot get during a physical tour
- E) as the *Mona Lisa* is the most precious item in the Louvre, it was not possible to let people see it without rope barriers, so they offered a VR tour

d Choose the best option to complete the missing part of the passage.

With the availability of online courses and classes, it is easier than ever to develop a new skill or start a hobby from home. Whether you are interested in learning a new language, picking up a musical instrument, or mastering a new craft, there are plenty of online courses available to help you get started. ---- This is particularly convenient for people with work or family obligations because learners can move on at their own pace and schedule. Another advantage of online courses is that they offer interactive components like discussion forums, which can help you connect with other learners and receive feedback on your progress.

- A) As the instructors are experts, learners can be sure that they receive an excellent education.
- B) One of the advantages of online courses and classes is the total flexibility that it offers to learners.
- C) This is a good opportunity for people who work for long hours or have a family and children.
- D) Learning a new skill or hobby can be a great way to enrich your life and expand your horizons.
- E) To achieve goals and advance careers, following hobbies is quite convenient for grown-up people.

e Choose the irrelevant sentence in the passage.

(I) Broadcasting has recently become a popular activity that enables people to share their ideas and content with a global audience in real time. (II) With the rise of live streaming services, anyone can now easily create and broadcast their own content: a podcast, a vlog, a live event, or even a gaming session. (III) The main concern with broadcasting is its contribution to the feelings of isolation and loneliness, as individuals may spend more time interacting with screens. (IV) It is especially convenient for content creators, marketers, and influencers to get in touch with their followers and build up their brands. (V) Offering engagement and connection with the customers regardless of their location, broadcasting allows businesses to grow faster, no doubt.

- A) I
- B) II
- C) III
- D) IV
- E) V

Taking Time for Yourself

There are plenty of reasons to **take up** a new hobby—increased satisfaction, a sense of purpose, and greater happiness are just a few. However, the **hectic** pace of modern life often does not allow people to take a step back to assess their feelings and figure out what they truly want. They often have packed **schedules** and lack time for personal interests or relaxation. Nevertheless, the recent global lockdowns due to the pandemic have **unexpectedly** forced people to stay home more, giving them more time to focus on themselves and making them more resourceful with what they have at home. Many of them have used this time to **pursue** their potential and learn new skills. They have **tried out** new activities, discovering new passions in the process. Indeed, they have found numerous ways to make the most of their time at home, from cooking and baking to do-it-yourself projects and transforming objects. Baking bread at home is one such activity that is not only fun and rewarding but also requires **patience** and attention to detail since it is a delicate process of chemical reactions between ingredients. Therefore, it is **absolutely** essential to be careful with measurements, as even a small mistake can result in an unsuccessful recipe. However, the result is definitely **worth** the effort. The delicious smell and taste of home-made bread are sure to **impress** family and friends.

a Match the highlighted words and phrases in the passage to the definitions below.

1. _____: having a particular value, especially in money
2. _____: a list of planned activities or things to be done
3. _____: the ability to stay calm and accept something annoying without complaining
4. _____: to learn or start to do something, especially for pleasure
5. _____: to the fullest extent; very much
6. _____: to do something or try to achieve something over a period of time
7. _____: to cause someone to admire or respect you
8. _____: to test or use somebody or something to see how good or effective they are
9. _____: in a way that is not anticipated or regarded as possible
10. _____: full of activity or very busy and fast

b Rewrite the sentences below changing the form of the words in parentheses.

1. Practising traditional crafts can bring complete joy and satisfaction, as you create something from scratch using your own hands. (**absolutely**)

2. The benefit of taking up a hobby, such as learning an instrument, is the sense of accomplishment that comes with mastering a difficult skill. (**worth**)

3. Engaging in artistic activities may help develop some important skills like tolerance and resilience for impatient individuals. (**patience**)

4. You can create unique items that will fascinate others by practising different types of crafts, such as jewellery making and woodworking, using everyday materials. (**impress**)

5. Reading has been found to be surprisingly effective at reducing stress, likely due to its ability to provide a respite from the hectic pace of daily life. (**unexpectedly**)

c Read the passage and choose the correct answer for the questions below.

1. Which of the following is true about bread making?

- A) To get a better feel for the measurements and be able to bake more accurately, you should practise more.
- B) Making bread is not a simple task because it requires time, precision, and patience.
- C) The shutdown of bakeries during the pandemic lockdowns led people to start baking their own bread.
- D) More people are becoming resourceful and finding ways to bake their own bread using what they have at home.
- E) By adding various flavours, you can improve the quality of your bread and impress your loved ones.

2. One can infer from the passage that ----.

- A) the fast pace of modern life often means that people have little time for their loved ones because they are always busy
- B) the pandemic has forced people to stay indoors and has prevented them from socialising and fulfilling themselves
- C) the lockdown period gave people a chance to take a break to consider their feelings and focus on what they really want
- D) people have turned to indoor activities in order to keep themselves entertained due to their packed schedules
- E) there is a distinct lack of variety and enjoyment to be found in indoor activities when compared to outdoor activities

3. What is the author's attitude towards the pandemic lockdowns?

- A) Sarcastic
- B) Supportive
- C) Disapproving
- D) Sceptical
- E) Humorous

d Choose the best word or expression to fill the spaces in the passage.

Scale modelling is constructing models from kits, where intricate parts **(1)----** together to create three-dimensional objects like aeroplanes, cars, ships, trains, and more. The process of building a model can take you **(2)----** many different stages, from choosing the right model and assembling it, to painting and detailing it, but the time it takes to complete your model depends on the complexity of the kit you have chosen. Scale modelling is a fun and creative activity that allows you to make unique objects that can be shared with others or **(3)----** in your home. It can also be done on a large scale; however, such tasks require good manual dexterity **(4)----** time and patience. **(5)----**, it is important to develop one's hand skills to complete the models accurately and efficiently.

1.

- A) are put
- B) were put
- C) have been put
- D) had been put
- E) were being put

2.

- A) towards
- B) between
- C) among
- D) through
- E) below

3.

- A) broadcast
- B) displayed
- C) exhibited
- D) publicised
- E) advertised

4.

- A) rather than
- B) instead of
- C) as well as
- D) except for
- E) regardless of

5.

- A) Instead
- B) Nevertheless
- C) On the contrary
- D) However
- E) Therefore

Embracing Outdoor Activities

The busy modern lives, particularly recently, force people to spend a long time in front of screens, which causes their minds to **take over** all responsibilities, but their bodies to be forgotten. Maintaining a sustainable balance between the body and mind is an **inevitable** necessity for humans' physical and psychological well-being. That is why people must connect with the Earth through outdoor activities to **cater for** the needs of their body, mind, and soul. Experts **unanimously** agree that outdoor activities, whether extreme sports or simple activities, allow people to focus on their health and keep a healthy balance between physiological and mental health. Not only do the activities put human bodies in motion and provide fresh air, but they also help people share **notable** moments with loved ones and strangers. Rather than being thrilling, exciting, and joyful, outdoor activities are excellent means of getting in touch with people and spending fruitful time—discussing, producing something, and organising new events—that **genuinely** take them away from screens. **Participating** in an outdoor group activity also exposes people to a new challenge, possibly new terrain, and new people from various backgrounds. Additionally, many outdoor activities **require** people to communicate and solve problems together to deal with the obstacles they encounter during the activity. **Collaboration** with each other makes people critical thinkers and problem solvers, helping them organise their lives. Accordingly, physical activity outside increases **self-esteem**, self-confidence, and creativity, unlike when people are alone and struggling with stress, anxiety, and depression, which overwhelm them.

a Match the highlighted words and phrases in the passage to the definitions below.

1. _____: in a way that is exactly what it appears to be and is not artificial
2. _____: a feeling of being happy with one's own character and abilities
3. _____: to take part in an activity
4. _____: to begin to have control of or responsibility for something, especially in place of somebody else
5. _____: the act of working with another person or group of people to create or produce something
6. _____: to need something; to depend on somebody or something
7. _____: to provide the things that a particular person or situation needs or wants
8. _____: in a way that is agreed or supported by everyone in a group
9. _____: unable to be avoided or prevented; certain to happen
10. _____: deserving to be noticed or to receive attention; important

b Underline and replace the synonyms of the given words and phrases in the sentences. Change the form if necessary.

cater for
genuinely
inevitable
notable
participate
take over
unanimously

1. Generally speaking, the most suitable facility that meets the needs of gifted children near here is that school.
2. However energetic the adventurer was, he got exhausted after two days and could not indeed climb to the top of the mountain last week.
3. The sportspeople played chess all week because bad weather conditions prevented them from being involved in outdoor activities.
4. Taking charge of a project like planning a camping trip requires careful consideration of various factors such as location, weather, equipment, and food.
5. During our hiking trip, we encountered remarkable examples of rare wildflowers that are not typically found in the region.
6. People joining the activity accepted with one accord the new rules of the game, which have changed recently.
7. The unavoidable risk of injury makes proper training and safety equipment essential for anyone engaging in extreme sports.

c Read the passage and choose the correct answer for the questions below.

1. **According to the passage, outdoor activities ----.**
- A) give people a prominent opportunity to overcome whatever problems they have and heal people effortlessly
 - B) expose people to new terrain and challenge them to leave their comfort zone, helping them gain skills like problem-solving
 - C) help people become aware of their health and provide many physical, emotional, and psychological benefits
 - D) efficiently heal people's wounds because they are thrilling, exciting, and joyful, which arouses positive feelings
 - E) enable people to notice their personal weaknesses and problems while making them aware of their inner power
2. **One can understand from the passage that the human body and mind ----.**
- A) can maintain a healthy balance between human relationships and work collaboratively
 - B) do not work in harmony nowadays owing to spending too much time in front of screens
 - C) should build a temporary balance between humans' physical, and psychological health
 - D) are in need of refreshing themselves to sustain the functions of physiological and mental health
 - E) cannot overcome the problems occurring on busy days without outdoor activities
3. **Which of the following can be said about participating in outdoor activities?**
- A) It exposes people to new challenges and terrain, which greatly boosts their awareness.
 - B) It requires people to come together to share enjoyable moments that arouse creativity.
 - C) It decreases the ability to use critical thinking and problem-solving skills and offers a balanced life.
 - D) It feeds the feelings of thrill, excitement, and joy; therefore, there is no need to have anything else.
 - E) It develops self-esteem, self-confidence, and creativity, along with problem-solving and critical thinking skills.

d Choose the best option to complete the missing part of the passage.

Paragliding is an adrenaline-fuelled aerial sport that allows people to run off the slopes with free parachutes, which is generally known as a risky outdoor activity. However, one of the first things to be clear about it is that paragliding is not dangerous and has nothing to do with parachuting. Namely, it is not an exaggerated experience; it is about experiencing what it is to fly, which means feeling like a bird going through the skies. ---- Nevertheless, the truth is that it is one of the safest aerial activities, but flying is something that arouses fear and nervousness in most people.

- A) Adventurous people are frequently surprised by how unsafe and stressed they feel before and during the flight.
- B) First-timers often describe their flight as breathtaking, saying they fulfilled their dream of flying like a bird.
- C) Once people feel their feet take off the ground, they realise they are completely suspended in the air.
- D) People should, however, have all the information they need and a better idea of what to expect from the paragliding experience.
- E) It is more accessible than other extreme sports because it does not require an exceptional takeoff or landing track.

e Choose the irrelevant sentence in the passage.

(I) Backpacking is a low-cost outdoor recreational activity that involves hiking while carrying clothing, food, and camping equipment in a backpack. (II) It is usually practised by adventurers in the wilderness to get to areas inaccessible by car or day hike. (III) In excursion planning, backpackers must consider vital conditions such as food, water, terrain, climate, and weather. (IV) They are also supposed to have adequate practice and physical conditioning, knowledge of survival techniques and camping, and a selection of lightweight equipment consistent with safety and comfort. (V) In particular, given that backpacking adventurers have to carry their gear, the total weight of their bag and its contents should be their primary concern.

- A) I B) II C) III D) IV E) V

For the questions 1–10, choose the best word or expression to fill the space.

1. Extreme sports provide an excellent way to build physical strength and mental ----, which are key skills to cope with any difficult events in life.
A) precision B) sensation
C) resilience D) inception
E) resolution
2. In today's fast-paced world, hiking offers a much-needed ----, allowing individuals to disconnect from the outside world and reconnect with themselves and nature.
A) phenomenon B) schedule
C) passion D) respite
E) reduction
3. ---- video games offer players a sense of presence, allowing them to feel as if they are really inside the game world using various techniques, such as realistic graphics and dynamic sound effects.
A) Recreational B) Colossal
C) Immersive D) Affordable
E) Altered
4. Whether it is through rudimentary activities like board games or more ---- pursuits like coding workshops, there is something for everyone to enjoy when it comes to hobbies.
A) intricate B) adequate
C) realistic D) hectic
E) efficient
5. Hobbies can provide people with complete pleasure, but if they find an activity that ---- suits their personalities and interests, they will enjoy it even more.
A) genuinely B) annually
C) inevitably D) gradually
E) collaboratively
6. Some researchers discovered a correlation between increased screen time and a decline in sleep quality; however, they were unable to ---- affirm that the digital realm posed a threat to one's mental well-being.
A) skilfully B) unanimously
C) cautiously D) possibly
E) delicately
7. The indoor activity market is constantly evolving as more and more individuals look for entertaining and educational pastimes to ---- in the comfort of their own homes.
A) undertake B) attend
C) encounter D) pursue
E) overcome
8. Many game developers offer their games for free with the revenue generated through in-game purchases and advertising, thereby allowing a wider audience to ---- those games.
A) achieve B) release
C) prevent D) forbid
E) access
9. Outdoor recreational activities ---- the physical, mental, and social needs of individuals, especially those who are feeling overwhelmed and looking for a break from their busy lives.
A) result in B) add to
C) take over D) run off
E) cater for
10. During the pandemic, many individuals could ---- the benefits of online learning courses over traditional methods due to the absence of additional costs, such as transportation.
A) account for B) figure out
C) take over D) run into
E) fit in

For the questions 11–15, choose the best word or expression to fill the spaces in the passage.

In many low-income countries where people work every day to survive, it is unlikely to think that the concept of leisure time is a (11)---- for them. Some activities like fishing and handicrafts are considered recreational in many high-income countries, (12)---- they are regarded as means of livelihood in low-income countries. Additionally, in most communities, the types of recreation, sports, and leisure activities people participate in can vary significantly considering their age, gender, local context, (13)---- socio-economic status. For instance, children in low-income communities tend to play games (14)---- natural materials, such as sticks and stones, or using discarded manufactured items like tyres and rope. Furthermore, leisure activities in these communities mostly revolve (15)---- cultural activities, including traditional dances, storytelling, and religious festivals and events, which entirely determine the main miles of recreation.

11.

- A) liability B) weakness
C) benefit D) function
E) priority

12.

- A) once B) as long as
C) inasmuch as D) whereas
E) provided that

13.

- A) with regard to B) in terms of
C) for all D) as well as
E) owing to

14.

- A) use B) using
C) to use D) having used
E) being used

15.

- A) in B) over
C) around D) from
E) off

For the questions 16–20, choose the best word or expression to fill the spaces in the passage.

Reading manga and watching anime have lately become popular forms of entertainment, particularly among young adults. Manga, Japanese comics, offer a unique way to tell stories (16)---- a combination of images and text. They (17)---- in a wide range of genres, from romance to science fiction, and generally offer deep character development and complex plotlines. Anime, (18)---- is Japanese animated TV shows or films, and they often adapt popular manga into an animated format. They are known for their stunning visuals and (19)---- storylines that can capture viewers' imaginations for hours. In addition, they often provide a window into Japanese culture and society, from the way characters dress and act to the food they eat. Indeed, (20)---- the popularity of manga and anime, a booming industry with millions of fans worldwide has emerged, making them an indispensable part of global popular culture.

16.

- A) beyond B) towards
C) without D) through
E) above

17.

- A) can be found
B) would have been found
C) must be found
D) could have been found
E) will have been found

18.

- A) notwithstanding B) as a consequence
C) in other words D) on the other hand
E) for example

19.

- A) touching B) captivating
C) appalling D) convincing
E) startling

20.

- A) besides B) instead of
C) despite D) as regards
E) due to

Answer the questions 21–23 according to the passage below.

Leisure time is a prize that people most likely look forward to enjoying, believing that the more time off they get, the better their lives will be. Most people think taking pleasure in free time comes naturally; however, research reveals that having time off and planning how to spend it can be stressful for two groups of people. The first group thinks leisure time is not worthwhile and sees it as a waste of time. They usually work in high-paying jobs and value productivity to the point where they cannot relish their free time, frequently at the expense of their mental health. On the other hand, the second group, which experiences intense pressure to make the best decisions about how to spend leisure, such as doing more research, considering more predictions, and spending more money, has a lot of stress. Therefore, they are unable to enjoy that time, living in conflict over what they think is best. In both cases, the fear of not using relaxation time effectively, whether by seeking an extravagant experience or being extraordinarily productive, holds people back from the very purpose of leisure. Maybe the only proper way to spend free time is to relax, let your guard down, create lasting memories, and believe that the pieces will fall into place.

21. Which of the following is true about the people in the first group?

- A) They have enormous work to do in their daily lives; therefore, there is no use in having leisure time.
- B) Seeing that they pay close attention to production, they are stressed and frequently lose their mental health.
- C) Hard as they work in high-paying jobs, they are not able to spend money on leisure to feel better.
- D) As far as they are concerned, leisure hinders them from producing and is not worthwhile.
- E) They take pleasure in both work and leisure since they take the expenses of the latter for granted.

22. According to the passage, both groups ----.

- A) have the ability to find ways to change their attitudes towards time off that could be beneficial for everyone
- B) struggle to enhance happiness by taking pleasure in leisure in order to sort out their lives
- C) prioritise productivity to the extent that they cannot enjoy time off, often to the detriment of their mental health
- D) have trouble enjoying leisure because of how they view and value it despite having different problems
- E) try to maximise their leisure expectations to the extent that boosts the quality of their lives

23. One can conclude from the passage that the author mainly ----.

- A) informs the reader how people perceive and value leisure has changed problematically due to their stressful lives
- B) points out that the most prominent moment of leisure is letting the problems out naturally
- C) criticises people for not considering the primary purpose of leisure, which hinders them from enjoying the moment
- D) emphasises that people should spend each moment of leisure relaxing; having memorable moments is a must
- E) highlights the benefits and drawbacks of the two groups' points of view on leisure time

Answer the questions 24–26 according to the passage below.

If you think gaming is just a modern-human activity, think again. In the excavations that began in 2013 at Başur Höyük, Siirt, approximately 5,000-year-old gaming pieces were discovered in a grave from the Early Bronze Age. The game, which is probably a strategy game, is thought to be the ancestor of chess. A dice-like object and the last of the 39 pieces, consisting of two kinds of animal figures and various geometric shapes, were unearthed during the excavations in 2019. Considering the shapes, colours, and numbers of the pieces, the archaeologists conducting the studies at the site state that the game is based on the number 4 and played by two people, while how the game was played is still an **enigma**. “Figuring this out is not only our responsibility but also of those working on cultural heritage and gaming history. We could not find the game board on which the pieces were moved. The one found in the grave was decayed and carbonised, so it could not be recovered, making it harder to understand the game rules,” said the head archaeologist. He also added that a Japanese game history expert and a US company had expressed interest in collaborating on a project to uncover the game’s secrets and transform it into a 3D game.

24. According to the passage, chess ----.

- A) would be played on a board, using animal figurines and geometric-shaped pieces
- B) is believed to have developed from the game discovered at Başur Höyük
- C) is considered the ancestor of strategy games, given that it is almost 5,000 years old
- D) used to be a strategy game consisting of 39 pieces and a dice-like object
- E) might have revolved around the number 4 and been played by two people

25. The underlined word ‘enigma’ in the passage is closest in meaning to ----.

- A) symbol
- B) nuisance
- C) mystery
- D) attraction
- E) insight

26. It is pointed out in the passage that deciphering the game’s rules was more difficult since ----.

- A) few game history experts were willing to eliminate the question marks hanging over the game rules
- B) the pieces used in the game were just discovered during the excavations in 2019
- C) the US company was far more interested in making a profit than solving the puzzle about the game
- D) gaming is not an exclusively 21st-century human activity, contrary to popular belief
- E) the game board found had carbonised and deteriorated, making it irretrievable

Answer the questions 27–29 according to the passage below.

Making online videos, whether for personal or professional purposes, comes with both pros and cons. One of the advantages is creating a community sharing similar interests or passions, which may let producers gain recognition and build careers. Yet, it needs a lot of effort, such as identifying the target audience and creating the content according to their interests and preferences. Researching popular trends and topics and using engaging visuals and sound effects to catch the audience's attention are time-consuming processes. Filming and editing videos are also weighty matters, as they can determine the overall quality and impact of the content. Many online video creators use specialised equipment, such as high-quality cameras and microphones, to enhance the quality of the final product. However, investing in high-quality equipment and software can be expensive, making it a costly activity for creators, which must be taken into consideration before taking it up as a hobby. Creators can also be subject to negative feedback and criticism; this may sometimes have a destructive effect on their self-confidence and motivation to continue creating videos. Although making videos is a rewarding and engaging activity for those interested in creating content, it is crucial to weigh the potential outcomes before investing time and money into this activity.

27. Which of the following is a potential downside of making online videos?

- A) It requires high investment in technical gear.
- B) It cannot help creators with building a career.
- C) Creators reach less followers than expected.
- D) Taking it up as a hobby brings a bad reputation.
- E) It lowers self-confidence and motivation.

28. It can be inferred from the passage that making online videos ----.

- A) does not provide opportunities for creators to get in touch with people sharing similar interests
- B) is a tiring and time-consuming process, but it usually ends up with success, wealth, and worldwide fame
- C) requires too much effort and time, but anyone with some technical skills can afford this low-cost activity
- D) may have some negative outcomes, although it is a charming activity for creators to achieve popularity
- E) might result in low self-esteem, as it is nearly impossible to receive attention for every video made

29. It is pointed out in the passage that ----.

- A) investing in specialised gear may have devastating effects on creators' states of mind, however wealthy or popular they are
- B) encountering adverse feedback and criticism may determine the quality and impact of the content on the target audience
- C) sharing similar interests and preferences results in being a community; however, it is always hard to catch everyone's attention
- D) using captivating visuals and sound effects requires technical skills, which is why some creators prefer to buy software
- E) considering both the positive and negative aspects of making online videos before committing to the activity is critical

Answer the questions 30–32 according to the passage below.

Board games can provide opportunities for learning, helping young players to develop skills like colour recognition, counting, hand-eye coordination, and fine motor skills while also teaching them some important social skills, such as waiting their turns and following rules. Not only do games benefit children, but they also provide a variety of advantages for adults since playing board games has been shown to improve brain function. According to a study, older adults who play board games have a 15% lower risk of developing dementia than those who do not play. Inasmuch as play is a form of exercise for the brain, it stimulates the areas responsible for memory formation and complex thought processes. Furthermore, board games have the ability to bring two or more individuals together in peaceful harmony. Their very essence lies in the spirit of collaboration that necessitates a shared effort towards a common goal. Engaging in such an activity is a delightful way to pass the time in the company of others, and it strengthens the bonds of friendship and companionship. This presents a great chance for social interaction, especially for introverted children and timid adults, which can boost their confidence and provide a feeling of inclusion by decreasing stress and encouraging laughter.

30. According to the passage, playing board games decreases the risk of older individuals developing dementia because it ----.

- A) activates the parts of the brain that oversee creating memories and processing complex thoughts
- B) enables them to improve their fine motor skills, hand-eye coordination, and ability to recognise colours
- C) promotes the need for a shared objective in which all individuals cooperate towards a cohesive aim
- D) enhances self-assurance and a sense of belonging by reducing stress
- E) offers a pleasant means of spending time in the presence of others and strengthens the bonds of companionship

31. Which of the following can be inferred from the passage about board games?

- A) The use of board games as a therapeutic tool for individuals with dementia has proven to be effective.
- B) Board games are a form of entertainment that is exclusively suitable for children.
- C) Playing board games improves the social interaction between children and older adults.
- D) Board games provide children with the opportunity to compete and experience the joy of winning.
- E) Playing board games promotes collaboration, as it encourages working together towards a shared objective.

32. Which of the following questions is mainly answered by the passage?

- A) How do different age groups perceive the concept of the game from distinctive perspectives?
- B) Who is the target audience for improving their skills through the use of board games?
- C) Why is it important for individuals to develop a sense of belonging and self-confidence?
- D) How do board games contribute to personal development and skill enhancement?
- E) What is the significance of playing board games to exercise the brain in specific age groups?

For the questions 33–36, choose the best option to complete the missing part of the passage.

33. Many factors, including personality, age, gender, lifestyle, affect behaviour and motivation to participate in recreational sports. However, among the factors determining recreational activity, financial factors, lack of interest in an activity, free time, and the necessary equipment play a significant role. ---- Since engaging in certain leisure activities requires some disposable income, which is usually not possible for many, a lot of people prefer to stay home. Not surprisingly, the most popular pastimes are also the cheapest and include watching TV, reading, and using the computer.

- A) That is why the number of people participating in recreational activities and spending time outside has decreased each year.
- B) For instance, people not very keen on recreational activities can save a lot of money, spending fruitful time at home.
- C) In particular, finances play the most critical role in the leisure time people spend and their choice of activities.
- D) No matter the financial situation, it is a fair right for everyone from all walks of life.
- E) Although leisure activities require some money, people do not want to allocate finances under any circumstances.

34. Doing extreme sports has been found to enhance brain function and cognitive abilities through the development of quick problem-solving and decision-making skills. Additionally, they can promote mental well-being and alleviate stress by triggering a rush of adrenaline and dopamine, which can lead to feelings of euphoria and happiness. ---- Therefore, before taking up these activities, individuals should consider the inherent benefits and weigh them against potential dangers. In doing so, they can make informed decisions about whether extreme sports suit them.

- A) However, it should be recognised that extreme sports carry possible risks, which can be reduced with proper training and safety measures.
- B) Those with pre-existing medical conditions should therefore consult with their healthcare provider before doing extreme sports.
- C) Such changes in the body and improved mental agility are believed to stimulate the growth of new brain cells and neural connections.
- D) Overcoming fears and limitations with the help of extreme sports is similarly linked to increased self-confidence and self-esteem.
- E) Overall, while extreme sports can provide numerous benefits, it is crucial to prioritise safety above all else.

35. ---- This can be achieved through the use of specialised software and sensors that track users' movements and adjust the virtual environment accordingly. In terms of entertainment, VR glasses offer an appealing experience for users, allowing them to feel as if they are inside the game or film they are watching. However, there are ongoing concerns and research about the potential long-term effects of prolonged VR use on eye health and physical movements.

- A) While VR glasses offer a unique entertainment experience, there are also some disadvantages associated with their use.
- B) VR glasses can provide a safe way to train individuals in complex situations, such as military training or flight simulation.
- C) The main function of VR glasses is to create a simulated environment users can interact with in a deeply engaging way.
- D) Neurological disorders can be treated with VR glasses, which provide a virtual environment to practise motor skills.
- E) From entertainment to education and healthcare, VR glasses are versatile and powerful tools for a range of applications.

36. Knitting, once thought of as an outdated activity, is now retaining popularity in modern times. As the demand for sustainable and slow fashion rises, more individuals are embracing knitting as a means of creating fashionable and environmentally friendly clothing and accessories. Furthermore, knitting has been shown to have positive effects both on mental and physical well-being, including reducing blood pressure and chronic pain. ---- Indeed, the soothing sound of yarn and the rhythmic motion of the needles can have a calming effect, helping to reduce anxiety and stress.

- A) Many knitters try to make a difference in others' lives by knitting blankets for premature babies and hats for people without homes.
- B) While some individuals may consider knitting monotonous due to its repetitive nature, it can serve as a meditative experience for others.
- C) Like any other hobby, knitting may have some drawbacks, such as causing eye strain or repetitive strain injury.
- D) Knitting can also be a great way to express your creativity and make personalised gifts for your loved ones.
- E) Knitting is not only a satisfying pastime, but it also has the potential to become a lucrative business opportunity.

For the questions 37–40, choose the irrelevant sentence in the passage.

37. (I) Orienteering is an exciting and challenging group of sports that requires navigational skills using a highly detailed map and compass to navigate between the marked control points on the map while moving quickly across unfamiliar terrain. (II) Anywhere from remote forests and countryside to urban areas, parks, and school playgrounds are suitable for this activity. (III) The main aim is to create the best route to complete the competition in the quickest time and most accurate way to find the control points on the given map. (IV) The descriptions on the map are typically presented as symbols with an international standard or, for beginners, as written words. (V) No matter how young, old, fit, experienced, or competitive people are, they can choose a course to suit them and go at their own pace.

A) I B) II C) III D) IV E) V

38. (I) Leisure and entertainment provide us with much-needed downtime and opportunities to have fun and recharge. (II) There are countless ways to enjoy our free time, whether travelling to new places, trying new hobbies, or simply relaxing with a good book or film. (III) On the other hand, leisure pursuits pave the way for developing new skills, interests, and hobbies that enrich our lives. (IV) Engaging in sports or outdoor activities can also help us stay active and maintain our physical health, while gaming or social media can be a fun way to connect with others and stay entertained. (V) No matter how we choose to spend our leisure time, making time for ourselves and prioritising activities that bring us joy and fulfilment is important.

A) I B) II C) III D) IV E) V

39. (I) Interactive games can provide an enjoyable and engaging way to incorporate physical activity into daily life. (II) Playing interactive games for extended periods of time may lead to physical health problems such as eye strain, headaches, and muscular disorders. (III) Many interactive games involve full-body movements—for example, jumping, running, or punching, which can help improve physical coordination. (IV) Some of them also cover resistance training, including lifting weights or using resistance bands, which can enhance muscle strength and endurance. (V) Through the combination of exercise and entertainment, interactive games can encourage people to be more active, improve their physical fitness, and promote a healthy lifestyle.

A) I B) II C) III D) IV E) V

40. (I) Upcycling, the process of transforming old or discarded items into something new and useful, has been a popular trend in recent years. (II) Recycling, on the other hand, is the process of breaking down materials to be reused in their simplest form. (III) This could mean using reclaimed wood or repurposing old furniture pieces to create something unique. (IV) The thrill of creating one-of-a-kind pieces from items that are no longer useful, such as old doors or vintage suitcases, drives many to this hobby. (V) The upcycling process involves sanding down the old piece, fixing any damage, and adding a new coat of paint or upholstery to get a completely fresh look.

A) I B) II C) III D) IV E) V



THEME 3

HISTORY AND

CIVILISATION

The Ancient Egyptian Civilisation

Ancient Egypt, located along the Nile River in northeast Africa, dates from the 4th millennium BC. It was a prominent civilisation that left numerous monuments like pyramids, temples, and tombs, along with various artworks. These artefacts are still being investigated by experts today and hold fascination as archaeological findings uncover their mysteries. These findings suggest that the Egyptians were probably descended from settlers from Nubia, Libya, and especially the Middle East who moved to the Nile Valley in prehistoric times. They were tremendously engaged in agriculture, and fundamental wealth came from the productive floodplain of the Nile Valley, in particular the river's annual flooding, which ensured nutrient-rich and fertile soil for growing food. On the other hand, early Egypt's cultural lifestyle frequently depended on their religion. The Egyptians adopted a polytheistic religion where many gods and goddesses were venerated. The pharaohs, rulers of the country, were also regarded as divine representatives on earth who maintained the continuity of life through rituals and became immortal, joining the gods in the afterlife. The Egyptians also believed that human existence in life and death was tied to the body and the soul. Therefore, the customs of preserving bodies, such as mummification and burial in tombs, were designed to help the dead find their way in the afterlife. The tombs were packed with food, domestic wares, tools, and treasures—all the requirements of life—to ensure the soul's return to the body. By doing so, the deceased would allegedly live in happiness forever after.

a Match the highlighted words and phrases in the passage to the definitions below.

- _____ : living or lasting forever
- _____ : a collection of valuable things such as gold, silver, and jewellery
- _____ : as someone has claimed but not proved
- _____ : to be related to somebody who lived a long time ago
- _____ : to accept or start to use something new
- _____ : to find out about something that was previously hidden or secret
- _____ : to have existed since a particular time in the past or for the length of time mentioned
- _____ : an accepted way of behaving or of doing things in a society or a community
- _____ : important or well known
- _____ : to a very great degree

b Circle the correct option that cannot be the synonym of the underlined words in the sentences.

- The signs on the carvings in the latest archaeological excavation, according to experts, reflect the customs of the alleged civilisation.
A) characteristics B) habits C) suspicions D) practices
- People allegedly state that the Egyptian civilisation still keeps the secrets of its origins, religion, and monumental architecture.
A) reportedly B) supposedly C) frankly D) assertedly
- The new regulations related to protecting early archaeological sites were unanimously adopted by the attendees of the meeting.
A) proved B) embraced C) endorsed D) approved
- The artist working on the paintings for the exhibition of ancient history claims to be descended from a noble British family.
A) diminished B) born C) originated D) derived
- The Egyptian pyramids, which are the most famous of all the ancient monuments, have been waiting to uncover many mysteries of their legacy.
A) explore B) reveal C) disclose D) hide
- In many early cultures, people believed that the lives of some rulers continued after death, considering them to be immortal.
A) eternal B) persistent C) endless D) enduring

c Read the passage and choose the correct answer for the questions below.

1. Why did people from Nubia, Libya, and the Middle East settle down along the Nile River?

- A) They learned from their ancestors that cultivating the terrain along the river was fundamental to wealth.
- B) Population growth along the river presented people with many opportunities for growing nutrient-rich food that ensured a rich life.
- C) The river's annual flooding provided fertile areas for growing prosperous agricultural crops, the main source of livelihood.
- D) They estimated that being part of the Egyptian civilisation would open new doors to the richness had they cultivated the soil.
- E) People migrated from many places there, thinking the river was a mere natural resource for survival.

2. It is understood from the passage that the ancient Egyptian civilisation ----.

- A) was a land of mysteries that no other civilisation has so captured the imagination of scholars and people
- B) established along the Nile River in northeast Africa, with settlers coming from many regions and still preserves its mystery
- C) applied the mummification and burial in tombs methods for its pharaohs who were the power symbols of the civilisation
- D) left many artworks and monumental architectures revealing the secrets of its lifestyle but no evidence proved
- E) was interested in agriculture to a large extent; however, settlers moving to the Nile Valley brought prosperous wealth

3. The tombs were filled with all the necessities of life because ----.

- A) it was believed the deceased would need them to continue their lives after death
- B) the dead could reach a paradise of sorts, where they could live forever
- C) their polytheistic religion required many gods and goddesses to be venerated
- D) the deceased ensured the continuation of life with their savings in the world
- E) the dead would live in eternal happiness thanks to their loved ones

d Choose the best word or expression to fill the spaces in the passage.

Carthage was an ancient Phoenician city situated (1)---- the northern coast of Africa, in what is now Tunis. It rapidly became the largest and wealthiest city in ancient times, (2)---- access to a wealth of fertile land and important coastal trade routes. The glorious growth in its trade and social life standards, (3)----, drew ancient Rome's attention, which was Carthage's neighbour in the Mediterranean and intended to expand its power in the region. (4)---- being one of the most pre-eminent civilisations of antiquity, Carthage is most noted for its prolonged wars with Rome, which ultimately led to the destruction of the Carthaginian Empire and the establishment of Roman control over the western Mediterranean. In other words, the prolonged wars between the two empires (5)---- in the defeat of Carthage.

1.

- A) of
- B) for
- C) with
- D) over
- E) on

2.

- A) being had
- B) to have
- C) having
- D) to be having
- E) had

3.

- A) in contrast
- B) however
- C) likewise
- D) furthermore
- E) as a consequence

4.

- A) Owing to
- B) Apart from
- C) On behalf of
- D) Regardless of
- E) Despite

5.

- A) failed
- B) struggled
- C) culminated
- D) conflicted
- E) vanished

The Sumerians: Ancient Visionaries Who Shaped the Modern World

The Sumerians are **looked upon** ⁽¹⁾ as one of the earliest civilisations in human history, credited with numerous groundbreaking developments that laid the foundation for modern civilisation. One of the most **noteworthy** ⁽²⁾ among these was their invention of cuneiform, the first system of writing, which allowed them to record their history and laws. This was a significant **breakthrough** ⁽³⁾ in communication and is considered to be a major milestone in the development of written language. They also invented the plough, which **revolutionised** ⁽⁴⁾ agriculture by allowing farmers to till the soil more efficiently. This, in turn, led to the development of irrigation systems, enabling them to grow crops on an **unprecedented** ⁽⁵⁾ scale; hence, they could nourish their people with abundant harvests and support a growing population. Moreover, they **adeptly** ⁽⁶⁾ practised metallurgy and produced advanced tools and weapons made of bronze, copper, and various other metals. In addition to the Sumerians' contributions to writing, agriculture, and metallurgy, they also **set up** ⁽⁷⁾ a complex system of trade and commerce that helped them achieve economic dominance. Through their phenomenal inventions, they **integrally** ⁽⁸⁾ shaped the course of human history. These game-changing contributions are just a few examples of the Sumerians' impact on civilisation, as a result of which they continue to be recognised as **trailblazers**, ⁽⁹⁾ leaving a lasting effect on early human history. Their legacy continues to inspire us to **innovate** ⁽¹⁰⁾ and create new things just as they did thousands of years ago.

a Choose the synonyms of the highlighted and numbered words and phrases in the passage.

- | | | | |
|-------------------|----------------|----------------|------------------|
| 1. A inspect | B consider | C ignore | D admire |
| 2. A remarkable | B implausible | C invincible | D dependable |
| 3. A ineptitude | B cleverness | C proficiency | D advancement |
| 4. A constrain | B transform | C alternate | D discontinue |
| 5. A unprepared | B unnoticeable | C unparalleled | D unidentifiable |
| 6. A skilfully | B elegantly | C tactfully | D candidly |
| 7. A oppose | B abandon | C regard | D establish |
| 8. A disastrously | B triumphantly | C passionately | D fundamentally |
| 9. A pioneer | B apprentice | C novice | D caretaker |
| 10. A negotiate | B graduate | C originate | D navigate |

b Complete the sentences with the correct forms of the words given below.

adeptly

innovate

integrally

trailblazer

unprecedented

- The ancient Mesopotamians became _____ at irrigating the land by using canals, which enabled them to cultivate crops in areas that were otherwise too dry.
- The Antikythera mechanism of ancient Greece is a notable example of technological _____, as it was the world's first known analogue computer employed for calculating the positions of planets and eclipses.
- Cuneiform writing was a(n) _____ part of ancient Mesopotamian civilisation, used for record-keeping, buying and selling goods, and communication.
- The efficiency of transportation and trade _____ increased with the introduction of the wheel, allowing for the expansion of commerce and the development of early urban civilisations.
- Queen Enheduanna was a(n) _____ female figure of the Akkadian Empire in that she was the first known author and poet in history whose works were highly influential in shaping Mesopotamian literature.

c Read the passage and choose the correct answer for the questions below.

1. It is pointed out in the passage that cuneiform ----.
- A) was a magical system of symbols that helped preserve the Sumerian heritage for future generations
 - B) gave voice to the mute whispers of history, allowing us to gain insight into the lives of the Sumerians
 - C) marked the dawn of literature and the tradition of creating myths passed orally from generation to generation
 - D) was an important tool for record-keeping and communication, especially for the pioneering figures in Sumer
 - E) helped the Sumerians document all the rules of their country and the things that happened to them in the past
2. One can understand from the passage that ----.
- A) the irrigation systems devised by the Sumerians were flawless in terms of efficiency and water management
 - B) the Sumerians' skills in metallurgy were extraordinary and their art shows how innovative they were
 - C) the Sumerians' farming techniques allowed them to produce surplus crops that they traded for other goods
 - D) by forging exquisite tools and weapons of war, the Sumerians became unrivalled master craftsmen
 - E) the Sumerians harnessed the power of the plough to make farming more productive and practical
3. Which of the following could be the main idea of this passage?
- A) Written language and the plough are the two most crucial breakthroughs to have happened during the time of the Sumerians.
 - B) The Sumerians made significant contributions to human history through their innovations in different fields.
 - C) The system of trade and commerce the Sumerians developed did little to help them achieve economic dominance.
 - D) Known for their advancements in agriculture, the Sumerians were able to support a growing population.
 - E) The Sumerians were a warlike civilisation, and their metal weapons were some of the most advanced of their time.

d Choose the best option to complete the missing part of the passage.

The Silk Road was an ancient network of trade routes that spanned from China to the Mediterranean Sea. It was named after Chinese silk, which was the most sought-after commodity traded along the route. However, a variety of other goods, such as spices, tea, ivory, porcelain, and precious stones, were also traded. The Silk Road served not only as a commercial hub but also as a cultural melting pot. ---- This facilitated the spread of inventions like papermaking and gunpowder from China to the rest of the world, making it an essential contributor to shaping the world's history and promoting globalisation.

- A) It was frequented by travellers and diplomats who encountered diverse belief systems across Eurasia.
- B) Diseases were also spread along the Silk Road, including the infamous Black Death, which devastated Europe in the 14th century.
- C) People from different regions interacted, shared traditions, and exchanged ideas and technologies.
- D) Caravanserais, or roadside inns, were established in strategic locations to provide shelter and services for traders and their animals.
- E) The introduction of horses to China enhanced the power of the Mongol Empire, while Chinese gunpowder revolutionised warfare across the globe.

e Choose the irrelevant sentence in the passage.

(I) Belonging to the Anatolian branch of the Indo-European family, Luwian is an ancient language that was spoken by the Luwian people who once lived in central, western, and southern Anatolia. (II) Luwian is known for its unique hieroglyphic script, which was used from the 14th to the 8th century BC. (III) Although the language is no longer spoken, it has left an important legacy in the form of inscriptions, texts, and religious documents. (IV) They provide valuable insights into the culture, religion, and political organisation of the Luwians, as well as their interactions with neighbouring states. (V) The Luwians used to share a border with the Hittites, with whom they had close cultural and linguistic ties.

- A) I B) II C) III D) IV E) V

Residents of Canada: The Indigenous Peoples

The Indigenous peoples of Canada, including First Nations, Inuit, and Métis, possess a rich and diverse cultural **heritage** that spans thousands of years. They have demonstrated remarkable resilience in the face of historical injustices and continue to **thrive** ⁽¹⁾ as vibrant communities. Their cultural heritage **incorporates** a wide array of languages, traditions, art forms, and spiritual practices. Indigenous languages, with over sixty specific ones spoken, hold deep significance as vessels of cultural identity and are being **earnestly** ⁽²⁾ preserved and revitalised. Artistic expressions, such as intricate beading, carving, and storytelling, reflect the deep connections to the land, **ancestral** wisdom, and vibrant narratives of their traditions. Indigenous peoples' **spirituality** is intertwined with nature, promoting harmony, and respect for the environment. Throughout history, they have been custodians of the land, emphasising sustainable practices and **traditional** ⁽³⁾ knowledge. However, Indigenous communities still **live through** social and economic disparities, including limited access to education, healthcare, and economic opportunities. Ongoing efforts are being made towards reconciliation, cultural rejuvenation, and the assertion of Indigenous rights and self-determination, aiming to **draw up** ⁽⁴⁾ a more equitable and inclusive society. **Undoubtedly**, ⁽⁵⁾ the resilience, cultural heritage, and struggles of the Indigenous peoples of Canada serve as a testament to their enduring presence and contributions to the country's multicultural fabric.

a Choose the antonyms of the highlighted and numbered words and phrases in the passage.

- | | | | |
|-------------------|---------------|-----------------|----------------|
| 1. A survive | B cease | C complete | D identify |
| 2. A truthfully | B seriously | C thoughtfully | D insincerely |
| 3. A contemporary | B tribal | C historical | D conventional |
| 4. A establish | B demonstrate | C demolish | D exaggerate |
| 5. A definitely | B sceptically | C unconsciously | D inevitably |

b Complete the sentences with the correct forms of the highlighted words and phrases in the passage.

- The ceremonies of First Nations often incorporate _____ practices that foster a deep connection to the natural world.
- Many Indigenous communities in Canada continue to rely on hunting, fishing, and gathering as a means of sustenance, as they have _____ done for generations.
- The _____ nature of traditions ensures their enduring presence across generations, binding communities together with shared customs and values.
- Growing up during wars, the children of the past generation _____ many difficult experiences that taught them the true value of resilience and perseverance.
- Canadians have built a(n) _____ society that embraces diversity, promotes inclusivity, and fosters a sense of community based on mutual respect and understanding.
- Recognising the vital significance of maintaining cultural continuity, native tribes make _____ efforts to preserve their languages and traditions for future generations.
- Members of the local council _____ a comprehensive plan for sustainable land management, reflecting their commitment to preserving the environment.
- The _____ richness brought to Canadian culture by native people's contributions to art, literature, and music enhances the nation's creative landscape with diverse perspectives and narratives.
- Exploring one's _____ can provide a deep sense of connection, allowing individuals to uncover their roots and appreciate the cultural legacy passed down through generations.
- In recent years, natives have _____ their culture within modern life and taken part in the decision-making processes that affect their communities as an effort towards reconciliation.

c Read the passage and choose the correct answer for the questions below.

- 1. According to the passage, how do Indigenous peoples in Canada demonstrate their connection to the environment?**
- A) Through sustainable practices and traditional knowledge
 - B) By advocating for suburban development on their lands
 - C) By promoting traditional arts, native languages, and storytelling
 - D) Through talking about the importance of their cultural diversity
 - E) By preserving their self-determination and rights from others
- 2. Which of the following statements is not true about Indigenous peoples?**
- A) They still continue to preserve their cultural heritage despite historical hardships.
 - B) The challenges they are faced with include the trauma resulting from colonisation.
 - C) They have a connection to the environment and possess traditional knowledge.
 - D) Efforts are being made towards reconciliation of their rights and self-determination.
 - E) The languages, traditional knowledge, and spiritual practices are significant aspects of their culture.
- 3. One can conclude from the passage that ----.**
- A) challenges such as limited access to education and healthcare no longer exist, as they are crucial for Indigenous communities
 - B) historical injustices have had lasting effects on Indigenous peoples; but, they have set up a society with diverse cultural heritage
 - C) Indigenous communities could not preserve their cultural heritage, so they have lost their traditional ecological knowledge in years
 - D) Canada addresses the former injustices and promotes healing, but cultural revitalisation and educational initiatives are not included
 - E) Canada's multicultural fabric is enriched by the contributions of Indigenous peoples; it is important to recognise and celebrate their heritage

d Choose the best word or expression to fill the spaces in the passage.

American Indians, also known as Native Americans, (1)---- the identity of the American nation for thousands of years with their languages, customs, and traditions. Especially, their knowledge of herbal medicine and agriculture has influenced modern practices, while their agricultural techniques continue to be embraced to this day. (2)----, today, some of them lead diverse lifestyles that vary across tribes and individuals, reflecting a combination of traditional practices and modern influences. A significant number of Native Americans have migrated to urban areas in search (3)---- employment, education, and better opportunities, contributing to the growth of urban Native American communities. In these communities, individuals maintain ties to their tribal heritage while adapting to urban life. (4)---- making valuable contributions to various fields, including the arts, literature, academia, and politics, they have also engaged in political advocacy to protect their rights, sovereignty, and cultural heritage. Efforts are still being made to ensure the (5)---- of their heritage by passing down cultural knowledge to younger generations.

- 1.**
- A) would shape B) was shaping
 - C) have shaped D) had shaped
 - E) shape
- 2.**
- A) However B) Even so
 - C) In addition D) Instead
 - E) Therefore
- 3.**
- A) by B) for
 - C) of D) among
 - E) through
- 4.**
- A) Despite B) Except for
 - C) Thanks to D) Besides
 - E) In case of
- 5.**
- A) approval B) survival
 - C) dismissal D) ritual
 - E) burial

Ancient Greece: The Cradle of Western Civilisation

Among the great civilisations of antiquity, ancient Greece **stands out** as having a significant influence on modern society. It is **indisputably** recognised as a cornerstone of Western culture due to its contributions to various fields like philosophy, politics, art, architecture, and literature. Particularly in philosophy, the Greeks were pioneers of rational thinking **based on** reason and logic, which laid the foundation for modern philosophy. Additionally, their political system, which emphasised citizen **involvement** and democracy, has been adopted by many modern societies. They also made **colossal** contributions to architecture. The architectural style of the ancient Greeks is prominent for its unique characteristics, such as tall columns, intricate detailing, symmetry, harmony, and balance, which are still **replicated** in government buildings and significant monuments worldwide. While they built various unique structures, the most notable surviving examples of their architecture are large temples with the Parthenon being the most **renowned** one located on the Acropolis in Athens. Apart from temples, the ancient Greeks **constructed** a variety of public buildings. These included covered walkways known as 'stoas' that served as **venues** for trading and public meetings, as well as gymnasiums, courthouses, council buildings, and sports arenas. Moreover, their amphitheatres, capable of accommodating up to 10,000 people, were **delicately** designed with acoustics, ensuring that even those seated at the back could hear the performers with clarity.

a Match the highlighted words and phrases in the passage to the definitions below.

1. _____: a place where people meet for an organised event
2. _____: of an exceptional or astonishing degree
3. _____: to be much better or more important than somebody or something
4. _____: the act of taking part in something or dealing with somebody
5. _____: known and admired by a lot of people, especially for a special skill, achievement, or quality
6. _____: in a way that cannot be disagreed with or denied
7. _____: with care or skill
8. _____: to copy something exactly
9. _____: to use an idea, a fact, a situation, etc. as the point from which something can be developed
10. _____: to build something or put together different parts to form something whole

b Complete the following table with the correct forms of the words.

verb	noun	adjective	adverb
			indisputably
	involvement		X
replicate			X
X		renowned	X
construct			X
X			delicately

c Read the passage and choose the correct answer for the questions below.

1. It is pointed out in the passage that ancient Greeks ----.
- A) were the ones to initially use logical and reasonable thinking, which later became the basis for modern philosophy
 - B) were inspired by the culture of the Western world, which helped them to develop their philosophy, art, and literature
 - C) improved their political system by studying and adopting the effective methods used by other societies, such as democracy
 - D) imitated the architectural style used in other parts of the world when building government buildings and monuments
 - E) were the only ones who made a meaningful contribution to the field of architecture of all the ancient civilisations
2. Which of the following statements is true according to the passage?
- A) The Parthenon, which is situated on the Acropolis in Athens, is the sole surviving example of Greek architecture.
 - B) Stoas were roofed structures that were intended for public use and were commonly utilised as commercial venues.
 - C) Greek architecture was primarily based on constructing large temples and government buildings with tall columns and intricate detailing.
 - D) In ancient Greece, amphitheatres were utilised not only as platforms for artistic performances but also as venues for public gatherings and sporting events.
 - E) The ancient Greeks constructed their unique structures, such as temples, gymnasiums, courthouses, and sports arenas, exclusively within the city of Athens.
3. The passage mainly focuses on ----.
- A) everyday life, beliefs, and myths of ancient Greeks
 - B) different forms of ancient Greek art
 - C) architecture and art in ancient Greece
 - D) science and wisdom in ancient Greece
 - E) ancient Greeks' contributions to Western culture

d Choose the best option to complete the missing part of the passage.

Following the death of Alexander the Great and the spread of Hellenistic culture throughout the Mediterranean, Roman art and literature became distinctly influenced by Greek traditions. Greek literature, which had evolved from oral storytelling by figures such as Homer and Hesiod to the works of playwrights like Sophocles and Aristophanes, had a significant impact on Roman writers and citizens alike. ---- The content of these works is largely centred on Greek mythology and the narratives present in Homer's *Iliad* and *Odyssey*.

- A) The earliest known Latin literature was mainly made up of adaptations of Greek literary works, with a particular emphasis on dramatic plays.
- B) Roman literature differs from Greek literature in incorporating the elements of dignity and tragedy to make its characters relatable to all social classes.
- C) The earliest play written in the Latin language was created by Livius Andronicus, a Greek man who had been enslaved by the Romans.
- D) In the late Roman Republic, there were various unique and original literary voices that emerged in diverse genres without imitating the Greek works.
- E) Prior to 240 BC, the Romans created various types of written records such as law codes, agreements, and contracts.

e Choose the irrelevant sentence in the passage.

(I) Anglo-Saxon art, known for its preference for bright and vivid colours, has mainly been preserved through metalwork and architecture. (II) Their metalwork, comprised of jewellery and armour designed in the Germanic style, was typically found in burial sites. (III) The Staffordshire Hoard, which was discovered in 2009, is a remarkable collection of Anglo-Saxon jewellery, consisting of over 3,500 gold and silver pieces that were supposedly buried in the 7th century. (IV) Other popular types of jewellery from this era included brooches that were used to fasten clothing and necklaces made of beads. (V) The intricate designs and precious materials in the hoard testify to the wealth and power of the Anglo-Saxon elite, while the animal motifs are thought to have symbolised strength and protection.

- A) I B) II C) III D) IV E) V

For the questions 1–10, choose the best word or expression to fill the space.

1. Ancient Mesopotamia, often referred to as the cradle of civilisation, witnessed remarkable ---- in agriculture and urban development, along with the establishment of complex political systems.
A) architectures B) traditions
C) breakthroughs D) antiquities
E) mysteries
2. Some nations' rich cultural ---- has been passed down through generations, allowing their members to appreciate and embrace diverse traditions.
A) commerce B) dignity
C) heritage D) determination
E) healing
3. Today's ---- scientists warn that civilisation is confronted by critical issues driven by overpopulation, excessive consumption, and environmentally hazardous technologies.
A) abundant B) magical
C) ancestral D) renowned
E) fertile
4. During the Palaeolithic Era, the earliest modern European people in the fossil record left behind a variety of ---- objects, such as tools, gravesites, and works of art.
A) equitable B) unprecedented
C) immortal D) sustainable
E) prosperous
5. Confucius was a teacher, philosopher, and political theorist whose ideas have ---- influenced the civilisations of China and other East Asian countries.
A) intricately B) earnestly
C) sustainably D) tremendously
E) resiliently
6. Though some sites or artefacts are sometimes uncovered accidentally, archaeologists usually find them by ---- examining aerial photos and using various types of radar.
A) delicately B) allegedly
C) undoubtedly D) vibrantly
E) diversely
7. According to the religion ---- by the Egyptians, after death, the pharaohs of Egypt, members of the nobility, and officials were usually mummified and buried in elaborate tombs.
A) maintained B) cultivated
C) astonished D) replicated
E) adopted
8. Evidence ---- that Göbeklitepe is almost 10,000–11,000 years old, which makes it the world's oldest temple, whose history dates back to the Neolithic Period.
A) appreciates B) revolutionises
C) uncovers D) incorporates
E) constructs
9. The Sumerians are ---- as the very first calendar inventors, who divided a year into 12 lunar months, each consisting of 29 or 30 days.
A) based on B) looked upon
C) descended from D) passed down
E) engaged in
10. The earliest civilisations developed between 4000 and 3000 BC, when the rise of agriculture and trade allowed people to have surplus food and economic stability; however, they also ---- catastrophic events like wars.
A) stood out B) set up
C) derived from D) lived through
E) relied on

For the questions 11–15, choose the best word or expression to fill the spaces in the passage.

The Inuit are indigenous Arctic peoples living in Canada, Greenland, and Alaska. Traditionally, they were hunting, fishing, and gathering for their subsistence. They developed a deep understanding of the Arctic environment; **(11)----**, they adapted their way of life to survive in harsh conditions. Inuit society is characterised by close-knit communities and extended families **(12)----** their social structure which emphasises cooperation, sharing, and respect for elders. They utilised kayaks, dog sledges, and igloos for transportation and shelter. Their survival relied on fishing and hunting marine mammals like seals, whales, and walruses. Inuit language and cultural practices were integral to their daily lives and continued **(13)----** through oral tradition. Historically, they faced challenges, including colonisation and forced assimilation policies, which had a huge impact **(14)----** their lifestyle. Today, the Inuit strive to **(15)----** their cultural identity while facing modern-day issues such as climate change and socio-economic challenges.

11.

- A) moreover B) however
C) even so D) hence
E) likewise

12.

- A) as a result of B) instead of
C) in addition to D) in case of
E) contrary to

13.

- A) to have passed down B) passing down
C) having passed down D) to be passed down
E) to pass down

14.

- A) for B) on
C) to D) by
E) at

15.

- A) deceive B) disprove
C) relieve D) involve
E) preserve

For the questions 16–20, choose the best word or expression to fill the spaces in the passage.

The Olympic Games, which are believed **(16)----** in 776 BC, were first organised about 3,000 years ago in the Peloponnese region of Greece. They were named 'Olympic' **(17)----** the athletic contests that were held in Olympia. Despite the uncertain origins of the games, it is probable that they were established to promote **(18)----** among the Hellenistic states. In ancient Greece, city states were in constant competition and warfare for control **(19)----** resources, territory, and authority. **(20)----**, the Olympics provided a temporary halt to any conflicts between the participating cities, referred to as the Olympic peace. These games were held every four years and were used to signify the 'Olympiad' period, which served as a dating system instead of years.

16.

- A) started B) to have started
C) to start D) having started
E) start

17.

- A) except for B) by means of
C) in spite of D) due to
E) along with

18.

- A) unity B) engagement
C) identity D) agreement
E) curiosity

19.

- A) into B) against
C) with D) at
E) over

20.

- A) Therefore B) Similarly
C) Moreover D) However
E) Instead

Answer the questions 21–23 according to the passage below.

Nubia, an area along the Nile River in what is now northern Sudan and southern Egypt, was one of the earliest civilisations of ancient North-eastern Africa, with a history that can be traced back to at least 2000 BC. The kings of Nubia ultimately conquered and ruled Egypt for about a century, as archers of exceptional skill contributed to military strength for them. Along with its marked peak of military power, it was the most prosperous time for Egypt. By around 5000 BC, Africans from the Sahara started migrating towards Nubia and the Nile River, bringing with them specifically the art of making pottery. Although their original occupations were herders and hunters of large animals, they eventually became craftsmen, fishermen, and farmers. As a result of migration from the south over time, Nubia's population was frequently a heterogeneous mix of African people. Many Nubians living along the Nile, flowing northwards through the desert, also grew grains, peas, lentils, dates, and possibly melons. Nubia, known as a source of gold, was also a gateway portal through which luxury items like ebony, ivory, and incense were transported from their source in sub-Saharan Africa to the civilisations of Egypt and the Mediterranean.

21. The Nubian military marked a peak of strength as a result of ----.

- A) luxury items like ebony and ivory imported from Africa
- B) the migration of Africans towards Nubia and the Nile River
- C) the conquering and ruling of North-eastern Africa for about a century
- D) the contribution of migration from the south to economy
- E) the splendid capability of the Egyptian archers

22. It is pointed out in the passage that Nubia ----.

- A) was a gateway of luxury items that brought a heterogeneous mix of African people to live in peace
- B) comprised a diverse mix of African people and had the richest period of Egypt due to its abundant economic resources
- C) made history in pottery art, which then led to the improvement of other professions like craftsmanship, fishing, and farming
- D) provided the archers with exceptional skills to defend their territory and triumph over enemies coming from the Sahara
- E) was a prosperous place for people migrating to perform their original occupations apart from the new jobs they had

23. Which of the following statements about people migrating from the Sahara is true according to the passage?

- A) They were aware of the richest mineral sources in Nubia.
- B) They traded with the Egyptians as soon as they grasped the opportunity.
- C) They gave up their original jobs to live a better life by the Nile River.
- D) They contributed a lot to Nubia's economy and social life.
- E) They brought with them especially the art of making pottery.

Answer the questions 24–26 according to the passage below.

Hunter-gatherer culture is a unique subsistence way of life that depends on hunting, fishing, and collecting wild vegetation and other nutrients, such as honey, for sustenance. It was prevalent among all humans until approximately twelve millennia ago. Earlier groups relied on scratching for animal remains left behind by predators. Unlike agriculture, mobility was the primary survival strategy for hunter-gatherers. The lifestyle necessitated access to vast expanses of land, ranging from 20 to 1300 square kilometres, to obtain the necessary food to survive. As a result, establishing long-term settlements was challenging, and most hunter-gatherers were nomadic. These groups ranged in size from extended families to larger bands of no more than 100 individuals. With some groups abandoning their hunter-gatherer lifestyle to establish permanent settlements capable of supporting larger populations, the Neolithic Revolution began about 12,000 years ago. Nevertheless, several hunter-gatherer behaviours persisted until recent times. Even as late as 1500 AD, hunter-gatherer societies existed in parts of Europe and throughout the Americas. However, over the past 500 years, the number of hunter-gatherers has significantly decreased. Today, only a few groups still practise this lifestyle, with the Hadza people of Tanzania being among the last. Their unique culture and deep understanding of their surroundings have fascinated those studying the origins of human civilisation.

24. Which of the following statements about hunter-gatherers is true according to the passage?

- A) It was not until 12,000 years ago that they began to settle down and develop agriculture.
- B) Eating predator-left animal remnants was a must for them, not a choice they wished to make.
- C) The vast expanses of land they had to navigate so as to find food were often unpredictable.
- D) Abandoning the nomadic lifestyle they used to follow for years was not an easy decision to take.
- E) They had to move from one place to another in search of food essential for their survival.

25. According to the passage, the Neolithic Revolution ----.

- A) led to the rise of complex societies by allowing humans to form social hierarchies
- B) began when some communities gave up the nomadic, hunter-gatherer lifestyle
- C) forced people to live in extended families or larger bands of less than 100 people
- D) might have been the most significant event to have shaped early human history
- E) could not deter some groups of humans from creating a keen sense of community

26. The author mentions the Hadza people in order to ----.

- A) highlight that some groups live in a way similar to that of our ancient ancestors even today
- B) support the idea that modern societies are superior to traditional ones in terms of development
- C) argue that they indeed have a rich and complex culture that is often overlooked by outsiders
- D) exemplify how a sedentary lifestyle may negatively impact our well-being and the environment
- E) criticise the assumption that they are an uncivilised people representing a primitive way of life

Answer the questions 27–29 according to the passage below.

Originated as a semi-nomadic tribe called the Nahua, the Aztecs were a Central American civilisation that thrived in central Mexico from the 14th to the 16th centuries. They established their magnificent capital city, Tenochtitlan, with grand temples, palaces, and causeways on an island in Lake Texcoco. Through the formation of the Triple Alliance, which consists of three major cities: Tenochtitlan, Texcoco, and Tlacopan, they maintained their existence and influence over central Mexico. The society was hierarchical, and the emperor was at the top, holding absolute power. Their religion was polytheistic, and rituals played a significant role in their religious practices. The Aztecs were skilled farmers who practised irrigation, terracing, and sustainable agriculture in a sophisticated farming system. They also used *chinampas* (floating gardens) to grow crops, such as maize, beans, and squash. However, their civilisation came to an end when they were attacked by Spanish conquistador Hernán Cortés in 1519. After a series of battles, the Aztecs were defeated by the Spanish in 1521, which brought the end of their empire. Despite their downfall, the Aztecs left a lasting cultural and historical legacy in Mexico with their achievements in architecture, art, agriculture, and political organisation that continues to be studied and admired today.

27. According to the passage, what was the purpose of the Triple Alliance?

- A) To form a defensive alliance against external threats and invasions
- B) To promote trade and economic cooperation among the major cities
- C) To unite the various native tribes under one centralised authority
- D) To maintain the Aztec Empire and exert control over central Mexico
- E) To practise their agricultural system throughout a large farmland

28. Which of the following can be inferred from the passage about the Aztecs?

- A) They practised sustainable agriculture, but the use of innovative farming techniques made it impossible to cultivate abundant crops.
- B) They were originally a large community, and they established an advanced civilisation in central Mexico, surviving for about two decades.
- C) The downfall of their empire was a result of internal civil conflicts among the emperors of major states forming the Triple Alliance.
- D) They built three different capital cities and many impressive architectural structures and causeways on an island in Lake Texcoco.
- E) Their society was made up of a system in which people were organised into different levels of social importance, from the highest to the lowest.

29. It is pointed out in the passage that even centuries after the Aztec Empire collapsed, ----.

- A) its cultural heritage and historical legacy are still being investigated and held in high regard in today's modern world
- B) the magnificent capital city of the empire, Tenochtitlan, is still standing and continues to be a must-see place for tourists
- C) it was understood by Spanish invaders that the rise and expansion of the empire in Central America were unstoppable
- D) religious evidence of polytheism was found, proving they worshipped their emperor, who had absolute power
- E) the Aztecs continued to live in a hierarchical system and kept slaves as farmers to practise agriculture

Answer the questions 30–32 according to the passage below.

The Viking Age is frequently linked with images of fierce warriors and merciless attackers, but there is more than meets the eye with this fascinating period in history. The Vikings, who were from Scandinavia, what is now Norway, Denmark, and Sweden, were a group of seafaring raiders and traders that existed between the 8th and 11th centuries. The lack of cultivable land and the high population density in Scandinavia forced the Vikings to leave their homeland and search for alternate territories to settle and sustain their livelihood. Initially, their attention was directed towards neighbouring and well-known regions like Britain and Ireland. However, subsequently, they crossed a substantial part of the North Atlantic, reaching as far south as North Africa and east as Russia. Consequently, the Vikings were considered pioneers in exploring and visiting all four continents of Europe, Asia, Africa, and America. Apart from that, they were a complex and multifaceted people with a rich cultural heritage. Their influence on European culture and civilisation was noteworthy as they introduced new customs, languages, and ideas to the continent. One of their most significant contributions was the Old Norse language, which served as the basis for many modern Scandinavian languages, such as Swedish, Danish, and Norwegian, and still has a significant impact on the English language today.

30. According to the passage, the Vikings ----.

- A) left their original land and created new communities in Norway, Denmark, and Sweden
- B) were a minority group of traders, originated from the Scandinavian region
- C) possessed great navigation skills, which allowed them to travel and trade across vast distances
- D) were fierce warriors and showed no mercy towards their enemies
- E) gained a great deal of knowledge and understanding from the culture and civilisation of Europe

31. Which of the following is true about the Old Norse language?

- A) The English language is believed to have originated from it.
- B) It was originally spoken by the British and Irish people in ancient times.
- C) There were multiple dialects of it spoken on the European continent.
- D) It played a significant role in the development of modern European languages.
- E) It continues to serve as a viable means of communication in the modern era.

32. According to the passage, why did the Vikings leave their homeland initially?

- A) They felt the need to conquer new territories, as they were fierce warriors and merciless attackers.
- B) They were attracted by the nearby and famous areas such as Britain and Ireland.
- C) They were looking for land that could be used for farming so that they could support themselves.
- D) They wanted to discover new lands and visit places that they had never been to before.
- E) They wanted to explore the culture and civilisation of Europe with the aim of discovering new customs and ideas.

For the questions 33–36, choose the best option to complete the missing part of the passage.

33. Throughout history, all civilisations had certain idiosyncratic characteristics, including artworks, livelihood sources, forms of government, and monumental architecture. ---- For example, the ancient monuments at Great Zimbabwe, the extensive stone ruins of an African Iron Age city, are still consistently used as a symbol of political power in the modern nation of Zimbabwe. Not only are the stylised stone sculptures so marvellous but also the distinct artistic style of the representations of native animals carved in soapstone, known as Zimbabwe Birds. They remain an emblem of Zimbabwe, appearing on the nation's flag, currency, and coats of arms.

- A) Great Zimbabwe is, on the other hand, a testament to the sophistication of the ancestors of the local Shona people, evident through the ancient monument.
- B) Civilisations built their entire political identities by associating themselves with the ancient architecture so that they left a heritage.
- C) In particular, just as they are built for the same purpose today, monumental architectures were constructed to preserve their legacies.
- D) Architectures are not the only monuments that identify civilisations, but they also cover many meaningful signs and symbols of the civilisations.
- E) When it comes to interpreting the carvings on the ancient monuments, there have been enormous meanings that can change from region to region.

34. The Mughal Empire left a deep mark on Indian civilisation during its three-century reign. ---- Many of them remain standing today and serve as a testament to the legacy of the Mughals. Their influence also extended to art, literature, and culture. Persian and Central Asian cultural elements introduced by the Mughals blended with Indian art forms, resulting in the creation of new styles such as miniature paintings. Furthermore, the Mughal emperors played a significant role in promoting Urdu as a literary language, which became an essential part of India's culture and heritage.

- A) Sultan Begum of the Mughals was an influential woman known for her contributions to the construction of architectural marvels.
- B) Babur, a chieftain from what is now Uzbekistan, is said to have founded the Mughal Empire with assistance from the Safavids and Ottomans.
- C) The architectural achievements of the empire, particularly their magnificent palaces, forts, and mausoleums, were noteworthy.
- D) The most notable Mughal emperors were Shah Jahan, who had the Taj Mahal built, and Akbar the Great, known for his administrative reforms.
- E) The Mughal emperors commissioned illustrated works, including epics, historical memoirs, and biographies such as *Baburnama*.

35. The Incas thrived in the Andean region of South America from the 13th to the 16th century. They established an empire known as Tawantinsuyu, which encompassed a vast territory stretching across today's Peru, Ecuador, Chile, and Colombia. ---- Cusco, their capital, is a good example of their architectural skills with its magnificent stonework and grand structures. Moreover, the Incas were skilled farmers; they used innovative techniques to maximise crop yields and ensure the sustenance of their population. However, their empire fell to Spanish attacks led by Francisco Pizarro in 1533, ending the Inca dominance in the region.

- A) They were famous for their impressive engineering skills in constructing masterpieces of roads, bridges, and cities.
- B) Their religious beliefs revolved around a pantheon of gods, among whom the sun god held great significance.
- C) The Inca society was governed by a centralised administration with a robust system of governance.
- D) The presence of Inca cultural elements and traditions continues to offer insights into their remarkable legacy.
- E) They cultivated fertile lands and made significant contributions to agricultural practices like terracing and irrigation.

36. The Roman aqueducts were advanced systems of transporting fresh water from lakes and springs to densely populated regions, serving multiple purposes like human consumption, agricultural activities, and public facilities, such as fountains and thermal baths. ---- This is because constructing them demanded precise planning and complex networks composed of canals, tunnels, pipes, and bridges. Moreover, the Romans used a mixture of stone, brick, and pozzolana, a type of volcanic cement, to build their aqueducts, which contributed to their durability. The use of this innovative material was a significant factor in why numerous Roman aqueducts are still standing today.

- A) The existence of aqueducts is substantiated by the remaining structures located in various modern-day regions, such as France and Türkiye.
- B) Aqueducts are regarded as exceptional engineering achievements, particularly when considering the era in which they were built.
- C) The bridges built with round-shaped stone arches are perhaps the most identifiable aspect of Roman aqueducts.
- D) Despite their antiquity, certain aqueducts continue to operate and furnish contemporary Rome with fresh water.
- E) The city of Rome depended solely on approximately eleven aqueduct systems, which transported water from sources located kilometres away.

For the questions 37–40, choose the irrelevant sentence in the passage.

37. (I) The Great Pyramids of Giza are among the most amazing human-made monuments in history. (II) They were built during a time when Egypt was one of the richest and most powerful civilisations in the world. (III) The king, or pharaoh, occupied a special role in ancient Egyptian civilisation, which was reflected in the enormous scale of the pyramids. (VI) Although their construction peaked during the late third dynasty and lasted until about the sixth (c 2325 BC), they were constructed from the commencement of the Old Kingdom until the fourth century AD. (V) It is also asserted that they were probably constructed by slaves, foreigners forced into labour, and native Egyptian agricultural labourers, as evidenced by the skeletons excavated from the area.

A) I B) II C) III D) IV E) V

38. (I) Gonur Depe, located in the Murghab River delta in Turkmenistan, was once a thriving city of the ancient civilisation of Margiana during the Bronze Age. (II) The excavations at the site have revealed a complex and sophisticated urban settlement with a well-organised system of water supply and drainage. (III) The city had a central citadel surrounded by residential and industrial areas, including a large pottery workshop. (IV) It was discovered in the 1970s and is considered one of the most important archaeological sites in Central Asia. (V) These findings suggest that Gonur Depe was an important cultural and economic centre in the region during its time.

A) I B) II C) III D) IV E) V

39. (I) Chinampas, also known as floating gardens, are artificial farm islands built by the Aztecs in the shallow lakes of the Valley of Mexico. (II) They consisted of floating rafts of reeds and mud anchored to the lakebed using wooden stakes. (III) These rafts were then piled with layers of mud, sand, and greenery to create fertile soil for farming. (IV) They allowed farmers to utilise hilly or mountainous terrain effectively, maximising the available farmland. (V) They played a significant role in supporting the growing population and were an innovative solution in a challenging environment.

A) I B) II C) III D) IV E) V

40. (I) The Anglo-Saxons, who originated from northern Europe, settled in England between the 5th and 6th centuries. (II) They spoke Old English, which is the predecessor of modern English and has ties to other Germanic languages, such as Old Friesian, Old Norse, and Old High German. (III) The term 'Anglo-Saxons' was initially used in the 8th century in order to differentiate these Germanic-speaking individuals living in Britain from those residing on the continent. (IV) The Anglo-Saxon period in Britain lasted from the 5th to the 11th century and was characterised by significant cultural, social, and political changes. (V) During this era, powerful kingdoms such as Wessex, Mercia, and Northumbria emerged, but they often fought against each other.

A) I B) II C) III D) IV E) V



THEME 4

HEALTH AND

MEDICINE

The Unseen Challenges of Invisible Illnesses and Disabilities

Invisible illnesses and disabilities are medical conditions which **exhibit** ⁽¹⁾ symptoms that are not readily noticeable to others. Despite appearing healthy, individuals with such conditions are often faced with difficulties that affect them either physically or **mentally**.⁽²⁾ These conditions encompass a wide range of diseases, including **persistent** ⁽³⁾ discomfort, mental health problems, learning disabilities, and autoimmune disorders such as fibromyalgia, multiple sclerosis, anxiety, cancer, and others. However, getting an accurate diagnosis even for certain **ailments** ⁽⁴⁾ can be challenging as they cannot be identified through a basic blood test and often have subjective symptoms like fatigue, headaches, and body aches that may be associated with various medical disorders, leading individuals to struggle for many years to receive an appropriate treatment. Unfortunately, they can also experience social **stigmatisation** ⁽⁵⁾ and discrimination due to misconceptions that they are exaggerating their symptoms or seeking attention. Furthermore, some tend to view them as **indolent** ⁽⁶⁾ or not putting in enough effort. Consequently, individuals with such illnesses frequently have to **contend with** ⁽⁷⁾ negative attitudes and beliefs that can hinder their access to necessary interventions and support. Healthcare providers, family members, and friends may also **miss out** ⁽⁸⁾ or disregard the symptoms of these individuals. Nevertheless, invisible illnesses and disabilities can be just as debilitating as the visible ones and can significantly **compromise** ⁽⁹⁾ an individual's overall well-being. It is essential for healthcare professionals to understand the unique needs of them and prioritise their care **accordingly**.⁽¹⁰⁾

a Choose the correct meaning of the highlighted and numbered words and phrases in the passage.

- | | |
|--|---|
| 1. A to show visible signs; display
B to make the situation even worse
C to become greater in amount | 6. A unwilling to give or spend money
B willing to obey rules and orders
C reluctant to work or be active |
| 2. A without being influenced by feelings
B in a way that involves trying new methods
C in a manner relating to the mind | 7. A to fail at something or do it badly
B to have to deal with a problem
C to stop trying to do something |
| 3. A difficult to get rid of or deal with
B not causing damage or harm
C lasting for only a short time | 8. A to fail to include someone or something
B to put in a wrong or inappropriate place
C to stop something from being done |
| 4. A responsibility for wrongdoing or failure
B a bodily disorder or chronic disease
C a place equipped to conduct tests | 9. A to repair something to work properly
B to keep something safe from harm
C to cause something to be in danger |
| 5. A the ability to sense other people's feelings
B the act of treating someone unfairly
C confidence in one's own worth or abilities | 10. A in a way that is likely to cause problems
B in a way that is suitable for the situation
C in a way that is not right for the purpose |

b Complete the sentences with the correct forms of the words given below.

ailment

exhibit

indolent

mentally

persistent

stigmatisation

- The act of _____ individuals based on their health conditions can lead to negative outcomes like feelings of isolation and shame, which can worsen their symptoms.
- A(n) _____ of arrogance and disrespect towards others is common among individuals with narcissistic personality disorder, giving rise to strained relationships and difficulties in social settings.
- Several symptoms of depression share similarities with _____, such as low energy and motivation, as well as reduced enthusiasm for activities previously found pleasurable.
- Psychiatry is a medical field that focuses on _____, emotional, and behavioural disorders, which can greatly affect a person's ability to function in work, school, and social settings.
- Millions of people around the globe are _____ suffering from chronic diseases such as diabetes and heart disease, which are often accompanied by physical limitations and financial burdens.
- _____ patients with rare diseases are constantly facing various difficulties, but they can still be optimistic because new treatments are being developed quickly thanks to advancements in technology.

c Read the passage and choose the correct answer for the questions below.

- 1. It is pointed out in the passage that invisible illnesses and disabilities ----.**
- A) are classified as 'invisible' because they do not exhibit the same level of severity as visible conditions
 - B) solely consist of psychological disorders, such as anxiety, due to the absence of observable symptoms
 - C) cannot be detected by diagnostic tests, and there is no specific treatment available for such ailments
 - D) refer to non-existent medical conditions, and those suffering from such ailments are seeking attention
 - E) are diseases that are not visible to the naked eye but have the same level of impact as visible ones
- 2. According to the passage, getting an accurate diagnosis for such diseases is challenging because ----.**
- A) healthcare providers are not sufficiently equipped to diagnose these types of illnesses
 - B) the symptoms they display are not distinctive and can be easily mistaken for other medical ailments
 - C) individuals afflicted with these diseases deal with the prejudices and misconceptions of others
 - D) the technological advancements currently available are insufficient to effectively detect these types of illnesses
 - E) many individuals neglect their well-being, although a basic blood test can quickly identify their medical status
- 3. What is the main purpose of the author?**
- A) To highlight the significance of early diagnosis and treatment in curing invisible diseases
 - B) To provide the reader with brief information on the treatment options currently available
 - C) To explain the difference between illnesses that are invisible and those that are visible
 - D) To confront the reader with the difficulties that individuals with invisible illnesses encounter
 - E) To warn the reader of the consequences of misdiagnosis and its impact on the quality of life

d Choose the best word or expression to fill the spaces in the passage.

Fibrodysplasia Ossificans Progressiva, also known as Stoneman Syndrome, is a rare genetic disorder that affects only about one in two million people worldwide. The condition is caused by a (1)---- in the ACVR1 gene, which leads to abnormal bone growth and the formation of extra bone in soft tissues, resulting in physical deformities, chronic pain, and limited mobility. Coping with this illness can be a constant challenge, (2)---- even simple activities like sitting or walking can become exceedingly difficult. The main goal of the treatment is to control symptoms and prevent new bone formation (3)---- the use of medication and physical therapy. However, in severe cases, surgery might be needed to remove excess bone and restore mobility (4)---- these therapeutic methods. Despite the difficulties associated with Fibrodysplasia Ossificans Progressiva, medical advancements (5)---- a greater understanding of the disease and potential treatments, providing hope for those affected by the condition.

- 1.**
- A) variation
 - B) revision
 - C) mutation
 - D) replication
 - E) habituation
- 2.**
- A) nor
 - B) or
 - C) yet
 - D) as
 - E) so
- 3.**
- A) about
 - B) through
 - C) for
 - D) over
 - E) of
- 4.**
- A) along with
 - B) on behalf of
 - C) such as
 - D) contrary to
 - E) regardless of
- 5.**
- A) would lead to
 - B) was leading to
 - C) have led to
 - D) had led to
 - E) lead to

An Innovative System in Medicine

Robotic surgery, also called robot-assisted surgery, is the use of a computer-aided system by surgeons to **carry out** a variety of sophisticated operations with greater accuracy, flexibility, and control than is achievable with traditional methods. It involves a specialised technology consisting of an **exceptional** camera, surgical arms, and other attached instruments, which enhances the capabilities of doctors, particularly at hard-to-reach surgical sites. In a robot-assisted procedure, three or four robotic arms are placed into the patient through small incisions. The arm with the camera provides **magnified** 3D views of the surgical areas, in which conventional visualisation has been difficult, that give a thorough perspective of anatomy in real time, guiding the procedure's execution. The other two arms function more **precisely** than a doctor's hands, with a greater range of motion in confined spaces in ways that are not otherwise possible. Additionally, the other small instruments help surgeons perform the steps of the proceeding **scrupulously**. Thanks to this **cutting-edge** innovation in medicine, patients have recently received effective **treatments** with less downtime and shorter hospital stays. People who **go through** robotic surgery experience less post-operative pain and have better outcomes, given that the operation is minimally invasive. In particular, small cuts, usually the size of a button, result in smaller scars that reduce the risk of being infected during the **healing** process. Nonetheless, everyone's healthcare needs are unique, but this computer-aided system provides numerous advantages for many people who need surgery to improve their health and **combat** disease.

a Match the highlighted words and phrases in the passage to the definitions below.

1. _____: in a way that pays careful attention to every detail
2. _____: unusually good
3. _____: the process of becoming or making somebody or something healthy again
4. _____: to do and complete a task
5. _____: with complete accuracy or perfection
6. _____: to fight or contend against; oppose vigorously
7. _____: something that is done to cure an illness or injury
8. _____: to make something look bigger than it really is
9. _____: to experience or suffer something
10. _____: the newest, most advanced stage in the development of something

b Circle the two options that cannot be the synonyms of the given words and phrases.

1. **carry out**
A) perform B) accomplish C) abandon D) fulfil E) stop
2. **exceptional**
A) unprecedented B) ordinary C) familiar D) extraordinary E) unique
3. **magnify**
A) shrink B) enlarge C) amplify D) diminish E) augment
4. **precisely**
A) absolutely B) carefully C) questionably D) literally E) ambiguously
5. **scrupulously**
A) fastidiously B) heedlessly C) diligently D) inattentively E) painstakingly
6. **cutting-edge**
A) customary B) innovative C) breathtaking D) trailblazing E) conventional
7. **treatment**
A) remedy B) cure C) disease D) ailment E) medication
8. **go through**
A) die out B) disappear C) encounter D) undergo E) live through

c Read the passage and choose the correct answer for the questions below.

1. **According to the passage, robotic surgery comprises ----.**
- A) many devices with great accuracy, flexibility, and control
 - B) a unique camera, arms performing surgery, and small gadgets
 - C) robotic arms, cutting instruments, and a magnified 3D console
 - D) motion tools in tight spaces and a high-definition camera
 - E) a lot of specific materials, surgery arms, and a camera
2. **Which of the following is true about the technology of robotic surgery?**
- A) It helps doctors access tough surgical areas that are not usually possible to operate with less pain and more accurate results.
 - B) Although it pinpoints the area to be treated with a unique camera, it still needs to be improved precisely.
 - C) It lets surgeons see surgical sites with enhanced definition and move more precisely, but sometimes it makes their jobs difficult.
 - D) Regardless of the type of procedure carried out, it is always thought of as a breakthrough in the medical world.
 - E) It treats severe conditions affecting people's health through small incisions in order to prevent infections after the operation.
3. **One can understand from the passage that the patients undergoing robotic surgery ----.**
- A) come back to their daily lives with less downtime and shorter hospital stays, and they recover fast
 - B) improve their health and struggle with diseases in a short time without having any doubts about the system
 - C) do not regret having an operation since small incisions offer great results without noticeable scars
 - D) undergo a process without any risk of failure and make sure that they will get better very soon
 - E) have less pain, better results, shorter hospitalisation, and a lower risk of infection with minimally invasive procedures

d Choose the best option to complete the missing part of the passage.

Anaesthesia is the administration of medication that enables medical operations to be painlessly performed and, in some situations, without the patient being awake during the implementation. It is employed in a variety of processes, from invasive surgeries like open-heart surgery to minor ones like tooth extraction. ---- The kind of anaesthesia used normally depends on the procedure being performed, the patient's general health, how long it may take to complete, and the preferences of both the surgeon and anaesthesia expert. The individual's personal preference is also taken into account should their health and current circumstances permit it.

- A) The patient's personal insistence on anaesthesia type is also assessed by medical professionals, considering their health condition.
- B) A lot of different medical experts are able to manage surgical implementations for a variety of purposes.
- C) It does not matter how long the proceeding is to last; the decision about the right anaesthesia type is crucial.
- D) After the current health condition is comprehensively evaluated, one of the four types of anaesthesia is applied.
- E) There have been many circumstances that have influenced the procedure, especially the doctor's preferences.

e Choose the irrelevant sentence in the passage.

(I) A cavity is an area of tooth decay where the hard outer layer of the tooth is damaged. (II) Even when people follow their yearly dental care routine, tooth decay is sometimes unavoidable. (III) Once people do not realise a cavity is forming at first, it probably leads to pain, mostly necessitates a dental procedure. (IV) However, provided that the decay does not cause severe pain, the dentist cleans out the part of the tooth that is affected, leaving a hole or space. (V) Then that space to even out the surface of the tooth is filled so that it comes across as a plain tooth in the mouth and is protected from further decay.

- A) I B) II C) III D) IV E) V

A Balanced Approach to Health

Many people advocate **restrictive** diets as a means of losing weight and improving health. However, such dietary regimens can actually prove detrimental to your general well-being. When you adhere to a starvation diet like these, you may become **deficient** in essential nutrients needed by your body to function smoothly. Adopting a balanced diet that includes a diverse array of foods in **moderation** is important to ensure you get all of the vitamins, minerals, and other nutrients required. This approach can help boost your **immunity** and support your overall health. Notwithstanding, even when you are having a healthy diet, it is crucial to see to it that you are able to **digest** your food properly. **Consistently** experiencing issues with digesting may indicate an underlying condition. It may be necessary to **diagnose** any such condition that could be causing problems. In addition, it is of the utmost importance to make sure that you sleep **sufficiently** and efficiently, exercise enough, and practise other forms of self-care like stress management techniques and mindfulness to support your overall health and well-being. A range of health issues **stem from** not taking care of your body, which is why you must give your health priority. If you happen to suffer from an illness, you should take the time needed to **get over** it fully instead of pushing yourself too hard and prolonging recovery. To achieve optimal health, taking good care of yourself is not an option but a necessity.

a Match the highlighted words and phrases in the passage to the definitions below.

- _____ : enough for a particular purpose; as much as one needs
- _____ : the quality of being reasonable and not being extreme
- _____ : to return to one's usual state of health after an illness
- _____ : limiting the freedom of someone or preventing something from growing
- _____ : in a way that does not change and continues for a period of time
- _____ : to change food that have just been eaten into substances that the body can use
- _____ : to start or develop as the result of something; to originate in or to be caused by
- _____ : not containing or having enough of something, especially something that is essential
- _____ : the body's ability to avoid or not be affected by infection and disease
- _____ : to recognise and name the exact character of a disease or a problem by examining it

b Complete the following table with the correct forms of the words.

verb	noun	adjective	adverb
		restrictive	
X		deficient	
	moderation		
	immunity		X
digest			X
X			consistently
diagnose			
			sufficiently

c Read the passage and choose the correct answer for the questions below.

1. What is the problem regarding restrictive diets?

- A) They often lack essential nutrients that are critical to your body's proper functioning.
- B) Their adverse effects on your well-being certainly outweigh the benefits.
- C) Individuals adopting restrictive diets lose weight at the expense of their mental health.
- D) They lead to disordered eating patterns and even psychological distress.
- E) The longer you follow them, the harder it becomes for you to prioritise your overall health.

2. According to the passage, chronic digestive issues ----.

- A) undermine your overall health by causing nutrient deficiencies
- B) are sure to impact your quality of life and persist if left untreated
- C) mean you definitely miss out on crucial nutrients that your body needs
- D) can be the result of a variety of factors, like a poor diet and stress
- E) should signal the presence of a disease that requires medical attention

3. Which of the following is true according to the passage?

- A) Disregarding the body's needs and not following a self-care routine make you quite vulnerable to infections.
- B) In achieving peak health, tending to yourself attentively does not always have to be your number one priority.
- C) Required for robust immunity and optimal health, a well-rounded diet should never include processed foods.
- D) Should you fall ill, you must be patient with the healing process rather than exerting yourself excessively.
- E) Ensuring sufficient sleep and exercise is essential to maintaining a healthy and active lifestyle without fail.

d Choose the best word or expression to fill the spaces in the passage.

Starting and keeping up with an exercise routine can be challenging, but there are strategies (1)---- the likelihood of success. To start, choose a form of exercise that you enjoy, as this will enhance your chances of sticking with it long-term. (2)----, set specific goals and track progress to provide motivation and a sense of accomplishment. Another vital factor is finding a workout partner or enrolling (3)---- a group fitness class because social support can enhance accountability and motivation. (4)---- busy schedules, prioritising exercise and integrating it into your daily routine are imperative. That is why consistency is the key, and even short, frequent sessions of physical activity can do wonders for your health. Last but not least, focus on the positive (5)---- of exercise, such as increased energy and mood, rather than solely on weight loss or looking good.

1.

- A) to have increased
- B) being increased
- C) having increased
- D) to be increased
- E) to increase

2.

- A) Consequently
- B) For instance
- C) Nonetheless
- D) Additionally
- E) For this reason

3.

- A) to
- B) on
- C) at
- D) by
- E) with

4.

- A) As well as
- B) On account of
- C) In spite of
- D) By means of
- E) Contrary to

5.

- A) responses
- B) attitudes
- C) outcomes
- D) remarks
- E) findings

The Ancient Path to Health

The history of alternative medicine dates back thousands of years, covering a kaleidoscope of cultural traditions and healing methods from around the world. Many ancient civilisations, such as those in Egypt, China, and India, **progressed** their own systems of medicine based on spiritual healing, natural remedies, and herbs to **get back on their feet**. In ancient Egypt, for instance, priests served as healers and employed various techniques and rituals to rescue people from being **at death's door**. Traditional Chinese medicine **keenly** emphasises the balance of yin and yang energies and the flow of Qi (vital energy) through the body to have **a clean bill of health**. It **rests on** acupuncture, herbal remedies, and practices like Tai Chi and Qigong. Ayurveda, the traditional Indian system of medicine with a history of 5,000 years, **adjusts** the harmony between mind, body, and spirit, utilising diet and meditation as therapeutic tools. Throughout the 20th century, interest in alternative medicine increased; especially, the 1960s and 1970s witnessed an **acceleration** in holistic health movements. This was kindled by a desire for a more **comprehensive** and individualised approach to healthcare. In recent decades, alternative medicine has become **relatively** integrated into mainstream healthcare systems. Before they **go under the knife**, many people receive traditional therapies, having gained **recognition** and acceptance. However, these therapies may **turn into a cure worse than the disease**. **Vigorous** debates continue regarding the scientific evidence, safety, and efficacy of certain alternative therapies.

a Match the highlighted words and phrases in the passage to the definitions below.

1. _____: in a way that involves strong or deep feelings or awareness
2. _____: appreciation or acclaim for an achievement, service, or ability
3. _____: an increase in how fast something happens
4. _____: to develop towards an improved or more advanced condition
5. _____: to a quite large degree, especially in comparison to something else
6. _____: to change something slightly to make it more suitable for new conditions
7. _____: full of energy, enthusiasm, or determination
8. _____: to change and become someone or something different
9. _____: to depend or rely on somebody or something
10. _____: including everything or almost everything that may be involved

b Replace the phrases in bold with one of the underlined phrases in the passage.

1. Despite the challenges of limited knowledge, the ancient physicians of Greece diligently pursued their quest for medical enlightenment to help people **become healthy again**.

2. In the realm of ancient medicine, only the most desperate and courageous patients would **have an operation**, willingly subjecting themselves to the unreliable hands of surgeons.

3. During an epidemic in history, only a few fortunate people would escape from the clutches of infection and be blessed with **a healer's decision that they were healthy**.

4. While alternative medicine may offer promising remedies, there are examples of unsuccessful pursuit of alternative therapies that can produce **a more negative outcome than the illness does**.

5. Although doctors do not recommend it, an increasing number of individuals suffering from incurable diseases turn to alternative medicine when they are **seriously ill and likely to die**.

c Read the passage and choose the correct answer for the questions below.

1. According to the passage, Ayurveda ----.

- A) is a healing technique based on religious rituals and herbal therapies
- B) was the name of the method practised by priests serving as healers
- C) offers a special and customised treatment like acupuncture or Tai Chi
- D) has not been integrated into today's mainstream healthcare system yet
- E) aims to adapt the balance between the mind, physical health, and soul

2. One can understand from the passage that ----.

- A) throughout centuries, people relied on natural resources to recover from illnesses, but they have never been interested in meditation as a therapeutic tool
- B) in ancient Egypt, treatments mostly included herbs and spiritual rituals, which were performed by men who carried out religious duties and ceremonies as well
- C) the need for an all-inclusive and more personalised approach to healthcare forced ancient civilisations to look for alternative ways of current therapies
- D) in recent years, interest in alternative medicine has decreased due to its consequences and efficacy, which cannot be proved scientifically
- E) by integrating ancient wisdom with modern scientific insights, alternative medicine seeks to provide a comprehensive and holistic approach to healthcare

3. Which of the following is true according to the passage?

- A) Over recent decades, alternative medicine has become increasingly popular and many people prefer it to surgical procedures.
- B) Acupuncture and Qigong were not popular years ago and their effectiveness has never been proved.
- C) Although alternative medicine has evolved in years, there are still debates about its scientific proof, safety, and effectiveness.
- D) Ancient civilisations developed their own medical systems thousands of years ago with the help of amateur herbalists.
- E) In the 20th century, alternative medicine gained recognition as a result of the popular therapies promoting certain healing.

d Choose the best option to complete the missing part of the passage.

Cupping, an ancient therapeutic technique, has persisted for thousands of years, captivating the curiosity of both traditional healers and modern practitioners. This method involves placing heated glass or plastic cups on the skin to create a vacuum-like effect that draws the underlying tissue upwards. ---- By doing so, it can stimulate blood flow, alleviate pain, and promote healing. Scientific studies exploring the specific mechanisms and benefits of cupping are still relatively limited, while anecdotal evidence and historical accounts suggest its efficacy.

- A) Its benefits may be attributed to placebo effects, and relying solely on it for serious medical conditions may not result in healing.
- B) The intention behind cupping is to enhance circulation, release toxins, and restore balance within the body's energetic pathways.
- C) As ongoing research enlightens its potential therapeutic properties, the true value of this practice is yet to be fully understood.
- D) Heated glass is often considered harmful, as it leaves marks on the skin, but its potential to reduce pain is a stubborn fact.
- E) Cups, typically made of glass or plastic, create suction on the skin, draw blood to the surface, and cause localised congestion.

e Choose the irrelevant sentence in the passage.

(I) Acupuncture is basically the insertion of fine needles into specific points on the body so as to stimulate the flow of energy, known as Qi, and promote healing. (II) Its efficacy has been supported by numerous studies, indicating its ability to alleviate pain, reduce inflammation, and improve overall well-being. (III) It is used for various illnesses like migraines, insomnia, and infertility, as its holistic approach targets both the physical and energetic aspects of health. (IV) To apply it properly, a deep understanding of human anatomy is required because practitioners must identify acupoints along meridians to restore balance within the body. (V) One advanced application of acupuncture is electroacupuncture, which involves the gentle stimulation of acupuncture points with low-frequency electrical currents.

- A) I B) II C) III D) IV E) V

For the questions 1–10, choose the best word or expression to fill the space.

1. Suffering from a severe vitamin ---- can create various health problems, such as weakness, fatigue, an increased risk of infection, and even neurological issues.
A) deficiency B) formation
C) treatment D) diagnosis
E) sufficiency
2. The key to achieving long-term health and optimal well-being is ---- in maintaining good habits and lifestyle choices through consistent effort and dedication.
A) limitation B) persistence
C) flexibility D) amplification
E) hindrance
3. Distinct immune mechanisms are activated in ---- areas of the body so that the immune system can effectively combat the invading pathogen and prevent its spread to other parts of the body.
A) strained B) customised
C) infected D) sophisticated
E) balanced
4. A number of ---- therapies are available for those struggling with mental health issues, ranging from counselling and psychotherapy to medication and support groups.
A) remedial B) depressive
C) stubborn D) debilitating
E) curable
5. ---- invasive surgeries involve a certain level of tissue disruption and manipulation but do not require major incisions or long recovery periods.
A) Diligently B) Apparently
C) Precisely D) Moderately
E) Excessively
6. A medical professional must ---- examine a patient's symptoms, and before administering any medication, he or she needs to identify the underlying cause of the symptoms.
A) restrictively B) inattentively
C) thoroughly D) reluctantly
E) optimistically
7. Alternative medicine practices aim to ---- the body's natural healing processes through holistic approaches and natural methods, such as acupuncture and massage therapy.
A) prolong B) accelerate
C) neglect D) deteriorate
E) exhibit
8. Regular exercise ---- the symptoms of conditions such as diabetes, depression, and cardiovascular disease; it also promotes longevity by improving overall physical fitness.
A) compromises B) replicates
C) exaggerates D) stimulates
E) alleviates
9. Abdominal pains, which may ---- digestive issues such as indigestion, constipation, or food intolerance, can cause discomfort and disrupt daily activities.
A) stem from B) turn into
C) adhere to D) look for
E) live through
10. Many people may ---- traditional medicine, which has been used for centuries in different cultures worldwide, if they are dissatisfied with modern medicine or cannot afford it.
A) go through B) miss out
C) contend with D) get over
E) turn to

For the questions 11–15, choose the best word or expression to fill the spaces in the passage.

Homeopathy is a form of alternative medicine (11)---- by Samuel Hahnemann in the late 18th century. Its operating principle is rooted in the belief that a substance causing symptoms in a healthy person could be utilised to treat corresponding symptoms in an ailing person. Homeopathic remedies are highly diluted preparations made from natural substances (12)---- plants, minerals, or animal products that have been weakened by the addition of water or other solvent. These remedies are believed to stimulate the body's intrinsic healing powers and restore balance. On the other hand, homeopathy has been criticised (13)---- its lack of scientific evidence and the extreme dilution of its remedies, which often results in no active molecules remaining. Despite this, it (14)---- considerable popularity worldwide, and some studies suggest that it may exert a placebo effect in certain conditions. (15)----, it is crucial to note that homeopathy should not be used as a substitute for conventional medical treatments for severe or life-threatening illnesses.

11.
A) to have developed B) to develop
C) having developed D) developed
E) being developed
12.
A) by virtue of B) unlike
C) instead of D) for all
E) such as
13.
A) for B) against
C) as D) about
E) from
14.
A) grows B) courts
C) seeks D) retains
E) spreads
15.
A) Likewise B) However
C) Besides D) Therefore
E) Namely

For the questions 16–20, choose the best word or expression to fill the spaces in the passage.

The alien hand syndrome (AHS) is an unusual condition in which individuals experience the feeling of a lack of control over one of their limbs, typically the left hand, as it functions (16)---- and performs actions without conscious intention. (17)---- these involuntary movements, individuals may feel disconnected from their hands and have a reduced sense of ownership over them. The cause of the disorder is not yet fully understood, but it is believed (18)---- to brain lesions in various regions. The corpus callosum, separating the brain hemispheres and facilitates communication (19)---- them, may play a role in developing AHS. The syndrome often emerges following a stroke or brain surgery and is frequently linked to neurodegenerative diseases such as Parkinson's or Alzheimer's. (20)---- a definitive cure for this condition has yet to be identified, it is possible to manage the symptoms through cognitive behavioural therapy along with visual distraction techniques.

16.
A) coordinately B) unconfidently
C) connectedly D) simultaneously
E) independently
17.
A) Contrary to B) Instead of
C) As a result of D) In addition to
E) Thanks to
18.
A) to be connected B) being connected
C) to have connected D) to connect
E) connecting
19.
A) among B) towards
C) below D) between
E) through
20.
A) Provided that B) Although
C) Because D) By the time
E) In order that

Answer the questions 21–23 according to the passage below.

The discovery of penicillin, the first naturally derived antibiotic, is one of the greatest scientific advancements in therapeutic medicine. In the past, there was no effective treatment for contagious diseases; hence, hospitals were full of people suffering from blood poisoning caused by even a cut or scratch, and doctors were not able to do much for them but wait and hope. However, today, those ailments are treated in a short time via medicine, usually antibiotics. Antibiotics are substances produced by bacteria and fungi that have the ability to kill detrimental microbial species or prevent their growth. Despite the fact that the effect of mould, a type of fungus that grows on rotten food or objects, has long been known, it may explain why the ancient Egyptians applied mouldy bread to infected wounds. Still, the first true antibiotic was discovered by Dr Alexander Fleming in 1928. He incidentally noticed that the mould on a dish seemed to be preventing the bacteria around it from growing. He soon described how the mould created a self-defence chemical capable of killing bacteria, which he named penicillin.

21. Dr Alexander Fleming realised that ----.

- A) the fungus on the dish absorbed the bacteria, hindering their growth
- B) the mould consisted of chemical substances protecting itself from bacteria
- C) detrimental microbial species could cause infectious diseases
- D) the ancient Egyptians used mouldy bread to recover infected wounds
- E) the impact of mould on bread could have the same influence on diseases

22. According to the passage, why could doctors do little for people in the past?

- A) They did not know how to apply a naturally derived antibiotic.
- B) Effective care for contagious diseases was under development.
- C) Waiting and hoping were the only ways of healing the ailments.
- D) There were no successful healing methods for infectious diseases.
- E) The number of people suffering from diseases was increasing.

23. One can understand from the passage that penicillin ----.

- A) became arguably the world's most effective life-saving antibiotic but still needs more trust
- B) was discovered first by the ancient Egyptians, healing wounds with mouldy bread
- C) is one of the most breakthrough and pioneering scientific advancements in human history
- D) has been used effectively for ages in a variety of medical conditions and hospitals
- E) prevented harmful bacteria from growing, which caused the number of patients to decrease

Answer the questions 24–26 according to the passage below.

Orthorexia is a term coined in 1996 that refers to an unhealthy obsession with consuming only nutritious food. Whereas a balanced diet including healthy food is beneficial, orthorexia takes it to an extreme level which can lead to malnutrition and other physical issues. Those with orthorexia begin to avoid certain foods that do not meet their high standards, which can have adverse effects on their overall well-being. Orthorexia shares similarities with eating disorders such as bulimia and anorexia nervosa because they are all about food and control. Its symptoms include worrying about food quality, refusing to eat a broad range of foods, and being overly critical of others' food choices. Though orthorexia is not an official medical condition, healthcare professionals may help by suggesting mindful eating strategies, behaviour modification, cognitive restructuring, or various forms of relaxation training to help sufferers change their attitude to food. It is essential to recognise that while eating healthy food is important, the way in which it is approached can cause harm. Thus, it is crucial to reframe one's relationship with food and adopt a healthier mindset towards nutrition.

24. Which of the following best describes the relationship between malnutrition and orthorexia?

- A) They both cause eating disorders like bulimia and anorexia due to an obsession with food.
- B) Malnutrition is not a concern for those with orthorexia since they only consume healthy food.
- C) Malnutrition is caused by the consumption of unhealthy food by individuals with orthorexia.
- D) They are two different conditions related to nutrition that have nothing to do with each other.
- E) Orthorexia can lead to malnutrition if sufferers have a narrow range of food consumption.

25. According to the passage, ----.

- A) orthorexia is a well-established medical condition with ample research and diagnostic criteria
- B) a healthier, more balanced mindset towards nutrition is really essential to breaking free from orthorexia's grasp
- C) orthorexia is a form of bulimia nervosa where individuals restrict their diet to healthy foods
- D) if not in pursuit of a healthy diet, individuals with orthorexia can never get help from healthcare professionals
- E) only with behaviour modification and cognitive restructuring can one get rid of orthorexia

26. Which of the following could be the best title for the passage?

- A) Orthorexia: When Eating Gets Extreme
- B) Harmful Food Standards
- C) An Unhealthy Obsession: Orthorexia
- D) Mindful Eating Strategies
- E) Orthorexia versus Eating Disorders

Answer the questions 27–29 according to the passage below.

The therapeutic use of medicinal leeches, hirudotherapy, is an ancient method that continues its applicability in today's modern medicine. The saliva of these magnificent creatures offers a range of medicinal benefits, making them valuable partners in the treatment of various medical conditions. Its ability to prevent blood clotting makes hirudotherapy particularly useful in focusing on blood circulation disorders, such as venous insufficiency, varicose veins, and thrombosis. By enhancing blood flow and reducing viscosity, leeches can also help alleviate related symptoms. Moreover, the therapeutic benefits of hirudotherapy include pain management. The bioactive components in leech saliva include analgesics and anti-inflammatory agents, which can relieve conditions such as arthritis and musculoskeletal disorders. By reducing pain and inflammation, leeches provide an alternative or complementary approach to conventional pain management methods. With their ability to improve blood circulation, prevent clotting, and provide pain relief, leeches have proved valuable therapeutic creatures when used under the guidance of professionals. Its historical usage and integration into contemporary medicine emphasise the significance of hirudotherapy in promoting health and well-being.

27. Which of the following best describes one of the therapeutic benefits of hirudotherapy?

- A) It was primarily used to treat respiratory disorders by improving lung function and reducing inflammation.
- B) Medics apply leeches to promote blood clotting and prevent excessive bleeding during surgical procedures.
- C) It helps with pain management by utilising the saliva's analgesic and anti-inflammatory properties that provide relief.
- D) By focusing on blood circulation disorders by enhancing muscular function, it reduces the risk of thrombosis.
- E) Its unique technique, which includes applying leeches directly to the skin, removes toxins and promotes well-being.

28. According to the paragraph, leech saliva ----.

- A) contains agents acting to reduce signs of inflammation, which makes it a suitable treatment for pain management
- B) accelerates wound healing by promoting the production of growth factors and stimulating tissue regeneration
- C) narrows blood vessels and reduces blood flow to manage conditions such as varicose veins and thrombosis
- D) suppresses the immune response, which makes it effective in treating arthritis and musculoskeletal disorders
- E) has not yet proved to be a therapeutic tool for the patients suffering from clotted or contaminated blood

29. One can conclude from the passage that ----.

- A) hirudotherapy is a highly specialised method that exclusively focuses on treating cardiovascular disorders
- B) the efficacy of hirudotherapy is restricted to specific inflammatory conditions like arthritis and musculoskeletal disorders
- C) the use of leeches is primarily confined to pain management and has limited effectiveness in improving blood circulation
- D) hirudotherapy has become an outdated medical practice with minimal relevance in modern healthcare
- E) the significance of hirudotherapy is profound particularly in the areas of blood circulation disorders and pain management

Answer the questions 30–32 according to the passage below.

Alice in Wonderland syndrome (AIWS) is a sensory disorder characterised by distortions in visual perception, causing individuals to experience illusions where external objects or their own body image appear to change in size or shape. This can lead individuals to feel like they are either larger or smaller than their actual size; hence, the syndrome is named after Lewis Carroll's renowned children's book, where the main character, Alice, also experiences similar changes in her body size. AIWS can also affect one's sense of time, causing the movement of people or objects to appear unnaturally fast or slow. Still, fortunately, the episodes of AIWS are brief, ranging from 10 seconds to 10 minutes in some cases, and do not result in any form of impairment. Diagnosing and documenting the primary causes of the disorder is challenging due to limited information; however, the Epstein-Barr virus is commonly believed to be the cause in children, while migraines are more frequently associated with adults. Furthermore, various neurological and psychiatric conditions, such as strokes, brain tumours, viral infections, epilepsy, eye diseases, depression, and schizophrenia, have also been linked to the onset of this syndrome. Despite the lack of a standardised treatment plan for AIWS, it has been observed to resolve either spontaneously or with the intervention of the underlying disease.

30. Which of the following is true about AIWS according to the passage?

- A) It is frequently observed in adult patients who have been diagnosed with neurological or psychiatric disorders.
- B) The syndrome took its name from Lewis Carroll's children's book because he was also afflicted with the same disorder.
- C) Individuals with AIWS experience distorted perceptions of their bodily features and objects in terms of scale and form.
- D) The duration of the illusion episodes is so excessively long that they cause individuals to lose their sense of time.
- E) The experience of illusions can be a source of great fear and distress for individuals who are afflicted, particularly children.

31. Which of the following can be inferred from the passage about the treatment of AIWS?

- A) There is no necessity for treatment, as the syndrome does not lead to any disabilities.
- B) Researchers are conducting further investigations in order to find a cure for the illness.
- C) Treatment is complicated because there are several conditions associated with its onset.
- D) Treatment is required for the underlying illness, as the syndrome resolves on its own over time.
- E) There is a standardised treatment plan for the syndrome, but the underlying diseases may disrupt it.

32. According to the passage, which could be an example of perceptual distortion for AIWS?

- A) Hearing sounds or voices that nobody else hears
- B) Feeling like their head is expanding or getting smaller
- C) Feeling touch or movement in their body that is not real
- D) Waiting for a particular time to perform a specific task
- E) Seeing individuals who are not actually present

For the questions 33–36, choose the best option to complete the missing part of the passage.

33. The medicines routinely utilised before, during, and after surgical procedures differ greatly from patient to patient because the medications patients receive are determined by the type of operation, anaesthetic, or pain control. ---- People are given an antibiotic to prevent infections before surgery, either in pill form or intravenously, which is when a drug is injected directly into a vein. During the operation, anaesthesia, which does not let the patient be awake, and sedative drugs, which relieve pain and nervousness and make people feel calmer, are given. Following surgery, drugs such as painkillers may be administered to relieve pain, eliminate the risk of trouble, and support recovery.

- A) The patients are supposed to be informed at each step of the operation to follow a healthy procedure.
- B) All clinicians participating in patient management should get a comprehensive medication history from the patient.
- C) Clinicians must frequently decide whether to continue chronic drugs throughout the perioperative period.
- D) At least half of all patients undergoing surgery use drugs on a regular basis to get a better result.
- E) Any underlying health conditions in patients may also play a prominent role in the choice of drugs used.

34. Dehydration is known to have adverse effects on the brain. When the body loses more fluid than it takes in, the brain shrinks, and its cells become less efficient at carrying out their functions. ---- Research has shown that even mild dehydration, with a fluid loss of just 1–2% of body weight, can reduce mental efficacy. Dehydration also reduces blood flow to the brain, making it harder for nutrients and oxygen to reach brain cells, which can cause headaches and dizziness. Staying hydrated is therefore important for maintaining tip-top brain function and overall health.

- A) These cells are responsible for processing and transmitting information throughout the body.
- B) Water loss can however be compensated for by water intake in the form of food, water, or other beverages.
- C) Drinking at least eight glasses of water daily is recommended to achieve proper hydration levels.
- D) This can lead to a decrease in cognitive performance, such as memory, attention, and reaction time.
- E) The brain has a higher proportion of water than the rest of the body, with about 75% of its mass consisting of water.

35. The human body has an inherent ability to heal itself, and naturopathy is a form of alternative medicine that relies on this ability. It takes a holistic approach to healthcare by focusing on the root causes of illness and promoting complete wellness, and it aims to strengthen the body's vital force or self-healing mechanisms, empowering individuals to take an active role in their health. ---- They give priority to preventive measures and try to create balance in the body, mind, and spirit. However, it is important to consult with a qualified naturopathic practitioner for personalised treatment plans and guidance.

- A) The practice of naturopathy varies between countries as official regulations and licencing requirements differ.
- B) Naturopathy also emphasises disease prevention by empowering individuals to make healthy lifestyle choices.
- C) Naturopathic medicine uses natural ingredients such as herbs and mushrooms to supplement personalised diets.
- D) Naturopathic practitioners employ a variety of natural therapies, including herbal medicine, lifestyle counselling, and physical therapy.
- E) Patients should consult with trained practitioners and inform their doctors about any alternative treatments.

36. Sleep apnoea occurs when the muscles in the upper airway relax during sleep, causing breathing interruptions and airflow blockage through the nose and mouth. If left untreated, it can lead to significant health issues. A recent study found a positive correlation between sleep apnoea and reduced bone density in adult individuals. Using cone beam computed tomography, researchers measured bone density in the head and neck of 38 adults, half of whom had sleep apnoea. The results showed that those with sleep apnoea had lower bone density, likely due to reduced oxygen levels and inflammation in the body. ----

- A) Furthermore, people with severe sleep apnoea had greater white matter brain damage than those who had more deep sleep.
- B) Individuals aged 50 and above suffer from both low bone density and sleep difficulties, resulting in significant health issues.
- C) This could disrupt the normal bone renewal process and increase the risk of fractures and tooth loss.
- D) In addition, the presence of depressive symptoms is relatively common in adults with sleep apnoea.
- E) The diagnosis of sleep apnea has the potential to affect the planning and management of a patient's treatment.

For the questions 37–40, choose the irrelevant sentence in the passage.

37. (I) People nowadays are generally more knowledgeable about healthcare conditions, ailments, and treatments than they were in the past, thanks to digital technology, which has made health information highly accessible. (II) However, it might be challenging to comprehend those health information sources on the Internet and adjust them to their health. (III) In addition, people sometimes act as though their own professions were doctors or any other qualified health occupations. (IV) That is why working closely with qualified healthcare experts is crucial because they provide much more valid and reliable information about particular medical conditions, available treatments, and care requirements. (V) Nevertheless, people have the right to make their own decisions about the care they get, provided that they fully grasp the treatment options and are guided by the advice of health professionals.

A) I B) II C) III D) IV E) V

38. (I) Incorporating mini workouts into your daily routine is a great way to stay active throughout the day. (II) They can be as simple as taking the stairs instead of the lift or stretching at your desk. (III) These short bursts of physical activity can help increase blood flow, reduce stress, and boost energy levels by increasing endorphins, which are natural chemicals released in the brain when you exercise. (IV) Busy individuals and those reluctant to do a full-body workout generally prefer intense but short bursts of exercise. (V) Whether at home, at work, or on the go, mini workouts are an easy and practical way to maintain your health and well-being and assist with achieving your fitness goals in the long run.

A) I B) II C) III D) IV E) V

39. (I) Herbal medicine comprises the use of some parts of plants, such as leaves, stems, flowers, roots, and seeds, to develop cures to treat a variety of ailments. (II) These cures can be carried out in various forms such as teas, tinctures, capsules, poultices, or creams. (III) The efficacy of herbal medicine is related to the chemical and phenolic compounds in plants, which may possess medicinal properties. (IV) Herbal medicine is often used to focus on common health problems like digestive disorders, hormonal imbalances, and stress-related issues. (V) These compounds have numerous effects on the body, including anti-inflammatory, antibacterial, antioxidant, and immune-stimulating properties.

A) I B) II C) III D) IV E) V

40. (I) Progeria is a rare genetic disorder that causes children to age rapidly, starting in their first two years of life. (II) It is caused by a mutation in the lamin A gene, which produces an abnormal protein called progerin. (III) Individuals with progeria tend to have abnormal growth, hair loss, skin changes, and a unique appearance (a large head with a narrow, wrinkled face and a pinched nose). (IV) They are also at risk for severe cardiovascular complications, which often lead to death by their mid-teens or early twenties. (V) Gene therapy, among various other therapeutic and management strategies for genetic conditions, is currently being investigated in clinical trials.

A) I B) II C) III D) IV E) V



THEME 5 CULTURE AND TRAVEL

A Trip beyond the Earth

With the advances in space technology and the increasing **association** of private companies, there has been a growing interest in commercial space travel. Some private companies have **declared** their intentions to offer opportunities to visit space, beginning with the Moon. As announced, lunar tourism will cover sending individuals or small groups to the Moon, where they will have the chance to observe the lunar environment and the Earth from a unique perspective and engage in moonwalks or other **exploratory** activities. While the exact time of lunar tourism is still uncertain, there have been several announcements regarding potential **initiatives**. For example, a project organised by Yusaku Maezawa plans to **take off** with a group of artists on a journey around the Moon soon. Another one, led by Elon Musk, has also **set out** a plan to fly private individuals around the Moon and has already accepted reservations from those interested in such trips. His company's spacecraft is **envisaged** to make trips to space, including the prospective ones to the Moon. It is under development to serve as a vehicle **compatible** with various space missions. While lunar tourism is an exciting prospect, it is crucial to recognise that it remains a future possibility rather than a **supposedly** available option. The increasing involvement of private companies may **eventually** make **it** a reality, offering unique and extraordinary experiences for those seeking to travel beyond the Earth.

a Match the highlighted words and phrases in the passage to the definitions below.

1. _____: to begin a job, task, etc. with a particular aim or goal
2. _____: according to what is generally assumed or believed
3. _____: an official group of people who have joined together for a particular purpose
4. _____: a new plan or process to achieve something or solve a problem
5. _____: done in order to discover more about something
6. _____: able to work successfully with a particular type of machine, device, etc.
7. _____: to say something officially or publicly
8. _____: to leave the ground and begin to fly
9. _____: at the end of a period of time or a series of events
10. _____: to imagine what will happen in the future

b Complete the following table with the correct forms of the words.

verb	noun	adjective	adverb
	association		
declare			X
		exploratory	X
	initiative		
X		compatible	
			supposedly
			eventually

c Read the passage and choose the correct answer for the questions below.

1. Which of the following statements is true according to the paragraph?

- A) Private companies have successfully launched lunar tourism programmes, allowing people to visit the Moon.
- B) The project led by Elon Musk is the only initiative whose spacecraft is under development for a trip to the Moon.
- C) Lunar tourism is currently a widely available option for individuals who are passionately interested in exploring space.
- D) The spacecraft of Elon Musk's company is exclusively designed for commercial space travel.
- E) Commercial space travel and lunar tourism have gained popularity due to the advancements in space technology.

2. One can understand from the passage that ----.

- A) although private companies have expressed interest in lunar tourism, the exact timeline and availability of such trips remain uncertain
- B) the future of lunar tourism is solely dependent on the success of the projects run by private companies
- C) individuals or small groups may engage in activities such as assisting in the development of the spacecraft
- D) both projects focus on developing space technology through collaboration between private companies and space agencies
- E) lunar tourism has already become popular, with individuals and small groups regularly visiting the Moon for exploratory activities

3. The underlined word "it" in the passage refers to ----.

- A) the spacecraft
- B) the space project
- C) lunar tourism
- D) commercial space travel
- E) space technology

d Choose the best word or expression to fill the spaces in the passage.

Agritourism refers to the practice of visiting agricultural areas, such as farms and ranches, for educational or leisure purposes. It is a form of tourism **(1)----** people to experience and engage in rural activities, agricultural processes, and local culture. **(2)----**, frequently organised workshops or classes on topics like organic farming, cheese making, beekeeping, or traditional crafts offer visitors educational opportunities to learn new skills and gain knowledge about sustainable agriculture. These activities also provide chances for local communities **(3)----** promoting economic growth in rural areas and generating revenue for local businesses such as hotels, restaurants, and souvenir shops. However, it is important for agritourism supervisors to organise their activities **(4)----**. They should be prioritising the safety and well-being of visitors during activities **(5)----** maintaining the integrity of the agricultural operations and minimising any negative environmental impacts.

1.

- A) to allow
- B) being allowed
- C) having allowed
- D) allowing
- E) to be allowed

2.

- A) As a consequence
- B) For instance
- C) For this reason
- D) Nonetheless
- E) Additionally

3.

- A) by
- B) at
- C) on
- D) to
- E) with

4.

- A) incredibly
- B) immediately
- C) relatively
- D) responsibly
- E) unexpectedly

5.

- A) in spite of
- B) similar to
- C) owing to
- D) unlike
- E) as well as

Unveiling the Mysteries of Derinkuyu Underground City

Derinkuyu underground city, located in Cappadocia, Türkiye, is a notable landmark and tourist destination, offering visitors the opportunity to **delve into** ⁽¹⁾ the rich history and culture of the region. As they walk around the city, they may feel as though they have travelled back in time due to its narrow corridors, winding tunnels, and intricately designed rooms **adorned** ⁽²⁾ with stunning frescoes. This **subterranean** ⁽³⁾ complex is an engineering marvel, made up of 18 levels and extending to a depth of 85 metres, making it one of the largest of its kind. With the capacity to house up to 20,000 people, the city served as a **refuge** ⁽⁴⁾ during times of invasion and provided protection from various threats. To survive and thrive in such a challenging environment, the ancient residents of Derinkuyu had to **think up** ⁽⁵⁾ innovative solutions to meet their basic needs. Therefore, the creators of this underground city, believed to be the Phrygians, **skilfully** ⁽⁶⁾ carved out a labyrinthine structure that is both awe-inspiring and functional. By **wisely** ⁽⁷⁾ placing air shafts and wells throughout the underground city, they ensured a constant supply of fresh air and water, prioritising the well-being of the city's inhabitants. The city was **independent** ⁽⁸⁾ as it had a variety of rooms serving different purposes, including cellars, kitchens, storage rooms, stables, churches, and even schools. These rooms catered for the diverse needs and interests of the underground **community** ⁽⁹⁾. The size and architecture of the city **showcase** ⁽¹⁰⁾ the advanced knowledge and skills of its creators.

a Choose the synonyms of the highlighted and numbered words and phrases in the passage.

- | | | | |
|-----------------|---------------|----------------|-----------------|
| 1. A admire | B explore | C question | D overlook |
| 2. A spoil | B disfigure | C conceal | D embellish |
| 3. A flat | B shallow | C sunken | D private |
| 4. A shelter | B entrance | C threat | D cave |
| 5. A submit | B compose | C devise | D construct |
| 6. A awkwardly | B ingeniously | C clumsily | D rationally |
| 7. A smoothly | B fiercely | C incidentally | D strategically |
| 8. A autonomous | B tranquil | C contemporary | D remote |
| 9. A public | B union | C district | D society |
| 10. A feature | B exhibit | C advertise | D comprise |

b Complete the sentences with the correct forms of the words given below.

adorn

community

independent

skilfully

subterranean

wisely

- Investing in the preservation and promotion of national landmarks is a(n) _____ decision for any country, as these landmarks are significant symbols, representing a country's values and traditions.
- Globally, there are countless captivating architectural structures, highlighting impressive technical _____ and attracting tourists through their artistic and engineering excellence.
- Even though our bodies are not designed to live _____, some ancient societies resided underground, but solely in times of emergencies and when they had no alternative.
- The Golden Gate Bridge, with its elegant suspension cables and striking red colour, acts as a magnificent _____ to the San Francisco Bay.
- Due to the extreme altitude and hazardous conditions, it is advised that visitors do not attempt to climb Mount Everest _____.
- The Taj Mahal is a well-known tourist attraction due to its stunning architecture, and it also has great _____ value for the locals as a symbol of love.

c Read the passage and choose the correct answer for the questions below.

1. According to the passage, which of the following is true?

- A) The city was designed not only to house thousands of people but also to protect them from external threats.
- B) In times of peace, the underground city served as a storage facility for keeping things cold.
- C) The city had underground passages that allowed for connectivity with other neighbouring cities in the region.
- D) Derinkuyu underground city consists of a total of 18 rooms, each with distinct functions.
- E) The underground city was naturally created as a result of the distinct geological structure of the region.

2. Which could be inferred from the passage about Derinkuyu underground city?

- A) The residents of the underground city have lived solely within its boundaries for the entirety of their lives.
- B) The creators of the city were not only concerned with survival but also with creating a thriving community.
- C) The adverse weather conditions compelled individuals to construct such an intricate and durable structure.
- D) The main aim of the city's architects was to showcase their proficiency in engineering to contemporary civilisations.
- E) Due to its subterranean construction, the city lacked the capacity to support its residents for prolonged periods.

3. What is the main purpose of the author?

- A) To entertain the readers by providing amusing facts relating to the concept of residing underground
- B) To offer a comprehensive explanation of the geographical and environmental features of the region
- C) To demonstrate how individuals confront and endure the hardships that arise in times of invasion or war
- D) To provide the reader with information about the mechanisms behind how individuals can sustain life within such a profound habitat
- E) To persuade the reader that human beings possess the ability to endure and survive in exceedingly challenging surroundings

d Choose the best option to complete the missing part of the passage.

The Great Barrier Reef is the largest coral reef system in the world, covering an area of 348,000 square kilometres along the coast of Queensland, Australia, and is home to a diverse array of species. ---- The reef is also important for scientific research and conservation efforts as it provides a habitat for endangered species like the dugong (sea cow) and the green turtle. With over 2,500 individual reefs and 900 islands, it offers stunning landscapes and seascapes that are visible from space.

- A) It is not only a habitat for marine life but also serves as a breeding ground for numerous endangered species.
- B) It is under threat due to climate change, with rising sea temperatures leading to coral bleaching events that impact the survival of the coral ecosystem.
- C) It provides a significant economic resource, generating approximately \$6.4 billion annually through tourism, fishing, and research activities.
- D) It sustains the livelihoods of around 64,000 individuals, including Indigenous communities with longstanding ties to the marine ecosystem.
- E) It houses a wide range of marine life, including 400 types of coral, 1,500 fish species, and 4,000 mollusc types.

e Choose the irrelevant sentence in the passage.

(I) The Statue of Liberty, standing at a height of 93 metres on Liberty Island in New York Harbour, is an iconic symbol of freedom and democracy. (II) Designed by Frédéric Auguste Bartholdi, the Statue symbolises Libertas, the Roman goddess of freedom, holding a torch and a tablet engraved with the date of America's independence. (III) Serving as a symbol of hope and opportunity, the Statue has welcomed countless immigrants to the United States. (IV) The crown she wears is adorned with seven spikes, representing the seven oceans and continents of the world. (V) Its historical significance renders it an indispensable destination for global tourists.

- A) I B) II C) III D) IV E) V

Mobility and Society

Mobility is one of the most crucial characteristics of human activities since it meets the basic demands of **commuting** as well as a need shared by passengers and freight for different purposes. Irrespective of its purpose, mobility makes it possible for social and economic activities to **come about**, along with connecting and exchanging cultures. Advancements in technology that enhanced operating features, including speed, range, and comfort, have **ultimately** contributed to breakthroughs in mobility throughout history. Never has the world been so **conveniently** accessible through planes, trains, vehicles, and more. Once people **embark on** a journey thousands of miles away through common modes of transportation like land, water, and air vehicles, they discover unique means of transportation belonging to the destination itself, reflecting various social, cultural, and behavioural traits. The **endeavour** of many places to preserve their traditional transportation modes still draws tourists' attention, boosting financial opportunities for them. While **prevalent** vehicles make the journey quick and easy, cultural transportation, on the other hand, adds enjoyable moments to the exploration experience. Moreover, each unique, defined cultural transportation type has an **impressive** story. For instance, the world's cycling capital, Amsterdam, is known for its cycling culture, which was especially aroused owing to fatal automobile accidents in 1971. In response to a huge social movement that highlighted the **jeopardy** of cars, the government created more bicycle lanes with better conditions and traffic signals for cyclists. Now, bike racks are **aligned** on every sidewalk, and the number of bikes has surpassed that of residents.

a Match the highlighted words and phrases in the passage to the definitions below.

1. _____: in a way that is useful, easy, or quick to do; in a way that does not cause problems
2. _____: in the end; after a series of things have happened
3. _____: to arrange something in the correct position, especially in a straight line
4. _____: to travel regularly by bus, train, car, etc. between a place of work and home
5. _____: an attempt to do something, especially something new or difficult
6. _____: making people admire them, because they are very large, good, skilful, etc.
7. _____: to start to do something new or difficult
8. _____: that exists or is very common at a particular time or in a particular place
9. _____: the hazard or risk of or exposure to loss, harm, death, or injury
10. _____: to happen; take place

b Rewrite the sentences below considering the original meaning of each sentence and using the words in parentheses.

1. The quality of lives of societies and people in terms of social and cultural activities has thus been improved efficiently thanks to the magnificent advancements in the modes of transportation. (**impressive**)

2. Transportation infrastructure and design have eventually been influenced by cultural values and aesthetics, just as seen in the Streamline Moderne design movement of the 20th century. (**ultimately**)

3. Due to possible dangers to the environment or health, walking or cycling may be preferred in some regions over driving or using public transportation to go to work. (**jeopardy**)

4. It sometimes requires many people to waste extraordinary effort to find their parked car among the adjusted vehicles in the parking lot, in particular in shopping centres. (**endeavour**)

5. Not being a traditional mode of transportation interwoven with culture, aeroplanes will always remain a unique outcome of humans' technological advancement among common vehicles. (**prevalent**)

c Read the passage and choose the correct answer for the questions below.

1. Which of the following is one of the characteristics of mobility?

- A) Based on its many goals, including enhancing human lives, it is a fundamental necessity shared by people and freight.
- B) In terms of internal and global mobility, countries do not share the same extent of mobility.
- C) Improvements in mobility clearly reflect the outcome of technological developments in a place.
- D) The varied types of transportation used around the globe can significantly enhance the cultural values of a country.
- E) It symbolises the wealth of countries and gives clues about to what extent they protect their cultural values.

2. One can understand from the passage that people who travel to distant places ----.

- A) demand social, cultural, and economic activities to take place, along with the experience of exploring enjoyable moments
- B) contribute a lot to the financial opportunities of the host countries and enable cultural transportation modes
- C) initially prefer quick and easy modes of transportation; however, when they arrive, they prefer cultural ones
- D) always look for defined cultural transportation that reflects various social and cultural traits of the country they have visited
- E) are aware of the importance of traditional transportation modes and how they reflect a country's financial and social characteristics

3. Which of the following can be inferred from the passage about Amsterdam?

- A) It does not allow the use of cars in the city centre.
- B) It is known only for its huge social movement in 1971.
- C) It includes the most aligned bike racks on the streets in the world.
- D) It gives importance to the environment and the health of its own people.
- E) It prioritises the use of cycling as a means of transportation.

d Choose the best word or expression to fill the spaces in the passage.

Since an economic crisis (1)---- in Türkiye in 1929, people started sharing a taxi on the same route to pay less, which brought a new concept to daily transportation. Dolmuş, a shared taxi seating eight to ten passengers, means 'completely full' in Turkish, which derives from the fact that a dolmuş does not leave (2)---- it has enough passengers. As there are no precisely defined stops for a dolmuş, (3)---- the initial and final stops along the two routes already defined, people who want to get off shout at the driver, "Someone needs to get off." After the necessary traffic security conditions (4)----, the passenger is allowed to get off. Regarding the fee, the majority of payments are made in cash, passed from passengers to the driver. The driver has a little box adjacent to the gear shift, (5)---- which he inserts the small coins in the relevant compartments.

1.

- A) went through B) brought about
- C) broke out D) found against
- E) made up

2.

- A) whereas B) although
- C) when D) after
- E) until

3.

- A) as well as B) despite
- C) in case of D) except for
- E) as regards

4.

- A) have been met B) are met
- C) will be met D) had been met
- E) were met

5.

- A) into B) from
- C) over D) under
- E) beyond

Cultural Heritage beyond Buildings and Borders

When we think of cultural heritage, we usually **visualise**⁽¹⁾ monuments, historical buildings, and archaeological sites. However, it **encompasses**⁽²⁾ much more than just these physical structures; it includes all forms of human creativity and expression. In fact, today, it has grown to involve all aspects of a community's identity, such as the natural environment and underwater heritage. This broader definition also includes immaterial elements like traditions, oral history, performing arts, and traditional craftsmanship **passed down**⁽³⁾ from generation to generation. Such **intangible**⁽⁴⁾ heritage examples include Japanese Kabuki theatre, Spanish flamenco, the Mediterranean diet, and Kazakh falconry. Nonetheless, cultural heritage is not solely an **assortment**⁽⁵⁾ of objects or traditions from the past. It results from a selection process where societies choose what is worthy of being preserved for future generations. While the term 'cultural heritage' may **conjure up**⁽⁶⁾ images of a single society and its members, cultural boundaries are not always well-defined. All peoples contribute to the world's culture, which is why all cultural heritage should be **universally**⁽⁷⁾ respected and safeguarded. National laws and international treaties can help protect it from **illicit**⁽⁸⁾ trafficking by private collectors or foreign museums and the destruction of historical sites. For this reason, UNESCO has adopted international conventions on the protection of cultural heritage to promote intercultural understanding and highlight the importance of international cooperation in preserving this **legacy**⁽⁹⁾. With proper conservation strategies, we can retain an **immensely**⁽¹⁰⁾ valuable part of our history and identity so the coming generations will be able to appreciate and learn from it.

a Choose the correct meaning of the highlighted and numbered words and phrases in the passage.

- | | |
|--|--|
| 1. A to contain something as part of a whole
B to make something happen or exist
C to have a picture of something in mind | 6. A to bring something to someone's mind
B to predict the future or a future event
C to cause something to be or to happen |
| 2. A to be closely equivalent to something
B to include a large number of things
C to keep something out of a place | 7. A with extreme force or strength
B as far as one knows or can see
C by everyone; in every case |
| 3. A to give something freely as a donation
B to transfer knowledge to the young
C to return something to its legal owner | 8. A conforming to the law or to rules
B not legally permitted or acceptable
C in accordance with reason or logic |
| 4. A not able to be touched or measured
B based on what is generally done
C fulfilling expectations or objectives | 9. A something received from an ancestor
B the action or process of collaborating
C a field or domain of activity or interest |
| 5. A property that is or may be inherited
B the state of being respected by many
C a miscellaneous collection of things | 10. A in an orderly manner
B with a clear meaning
C to a very great extent |

b Complete the sentences with the correct forms of the words given below.

illicit

intangible

visualise

immensely

universally

- Many ancient sites have been looted worldwide, and the trafficking of cultural property _____ has led to the loss of important historical artefacts.
- The _____ of cultural heritage highlights the commonalities and shared experiences that connect humanity across different time periods and geographic regions.
- Using modern technology such as photogrammetry and laser scanning, one can create a highly detailed and accurate 3D _____ of archaeological sites.
- The _____ of the World Heritage Sites is awe-inspiring in that it showcases the achievements of human civilisation and the natural wonders that have been preserved so far.
- We can benefit _____ from the preservation of cultural heritage, for example by gaining a deeper understanding of our shared history and strengthening social cohesion.

c Read the passage and choose the correct answer for the questions below.

1. Which of the following can be said about cultural heritage?

- A) Unlike what many think, it involves more than just a collection of historical artefacts or customs.
- B) Few preservation efforts are required to protect the unique identity and history of a community or nation.
- C) It extends beyond tangible objects and is mostly shaped by individual actions, not by societal choices.
- D) Successful collaborations between local communities and foreign museums are needed for its promotion.
- E) Besides inspiring the coming generations, it can help them understand their roots without feeling lost.

2. It can be understood from the passage that intangible heritage ----.

- A) is protected solely by national laws rather than those universally accepted
- B) is at risk of being lost as a result of illicit trafficking and commercialisation
- C) refers only to physical structures like monuments and archaeological sites
- D) should be preserved along with material heritage for future generations
- E) cannot be separated from a community's identity and its natural environment

3. According to the passage, the purpose of UNESCO is to ----.

- A) protect cultural heritage within a single society by fostering global collaboration
- B) define cultural boundaries between societies through international conventions
- C) draw up commercial treaties with private collectors to buy cultural heritage items
- D) impose cultural values on a global basis so that all cultures become the same
- E) establish international agreements aimed at safeguarding cultural heritage

d Choose the best option to complete the missing part of the passage.

The term 'natural heritage' denotes a wealth of natural resources and ecosystems that have been inherited from previous generations. ---- These natural heritage sites serve as critical habitats for countless species, many of which are rare or endangered, and also provide sustenance to humanity in the form of pure water and other vital resources. Regrettably, many of these sites are now in harm's way due to deforestation, mining, and pollution, which jeopardises their contributions to ecological and societal well-being.

- A) The negative impact of climate change on natural heritage sites cannot be ignored, as extreme weather events can cause irreversible damage.
- B) This includes an array of life forms, such as flora and fauna, as well as geological features like mountains, rivers, and forests.
- C) One of the ways to preserve natural heritage sites is through ecotourism, which encourages conservation efforts in local communities.
- D) Though natural heritage sites are important for their ecological and economic value, they also hold cultural significance for the locals.
- E) Some countries implement policies such as reforestation to restore degraded natural heritage sites and protect biodiversity.

e Choose the irrelevant sentence in the passage.

(I) Underwater heritage sites are gaining momentum as tourist hotspots thanks to the unique experience they offer. (II) These sites can encompass shipwrecks, ancient artefacts, or even sunken cities; however, tourism can pose a threat to these fragile submerged environments. (III) Underwater photography can be a great way to raise awareness about the beauty of these sites and the need to protect them. (IV) Snorkellers, divers, and photographers can accidentally damage the sites, and pollution can further harm them. (V) Therefore, it is imperative to balance the preservation of these invaluable cultural treasures with responsible tourism practices that allow visitors to enjoy them while keeping their footprints small.

- A) I B) II C) III D) IV E) V

For the questions 1–10, choose the best word or expression to fill the space.

1. As more people seek rejuvenation through the healing properties of natural hot springs, the ---- of thermal tourism has increased significantly in recent years.
A) prevalence B) involvement
C) assortment D) sustenance
E) compatibility
2. High-speed rail offers unprecedented ----, allowing travellers to reach their destinations swiftly and revolutionising the way people commute and connect faraway locations.
A) awareness B) visualisation
C) inspiration D) equivalence
E) convenience
3. With its majestic peak towering above a picturesque landscape, Mount Fuji offers ---- scenery, magnetising visitors from all over the world.
A) increasing B) amusing
C) challenging D) stunning
E) thriving
4. ---- forms of cultural and natural treasures, which range from ancient artefacts to breathtaking landscapes, can fascinate and inspire individuals across generations.
A) Shallow B) Declaratory
C) Assorted D) Associative
E) Submerged
5. The growing reliance on fossil-fuel-powered vehicles ---- impacts the environment and contributes to air pollution, thereby worsening the issue of climate change.
A) unofficially B) collaboratively
C) adversely D) autonomously
E) magnificently
6. Emphasising profit over preserving a destination's rich heritage and traditions, ---- driven tourism often causes the erosion of local culture.
A) irreversibly B) indispensably
C) responsibly D) commercially
E) profoundly
7. Domestic tourism refers to travel within one's own country, whereas international tourism refers to travel to a foreign country to ---- new cultures and experiences.
A) overlook B) submit
C) advertise D) shelter
E) explore
8. Political instability and security concerns in certain regions can ---- tourism and travel, leading to decreased visitor confidence and a potential decline in tourism revenues.
A) captivate B) jeopardise
C) disfigure D) strengthen
E) encompass
9. Cultural heritage serves as a bridge between the past and present and includes both tangible and intangible elements ---- from previous generations.
A) based on B) passed down
C) delved into D) engaged in
E) set out
10. Before a plane ----, the pilot and co-pilot need to perform a pre-flight checklist together to ensure the aircraft is in proper working order.
A) takes off B) comes about
C) thinks up D) derives from
E) embarks on

For the questions 11–15, choose the best word or expression to fill the spaces in the passage.

A classical rickshaw is a two-wheeled vehicle with a doorless, chairlike body and a foldable hood that carries one or two passengers and (11)---- primarily by a man. Its invention created many job opportunities for male labourers from the late 19th to mid-20th century across many Asian cities, (12)---- its once being inexpensive and popular mode of transportation. Even though its origins are not entirely clear and the topic (13)---- truly disputed, it is commonly considered that it came from Japan and was invented in 1869. (14)----, with the ascent of automobiles and the advent of cycles and autorickshaws, it lost its popularity on the streets over time. Today, the only place where a large-scale rickshaw operation can still be found is Kolkata, India, and traditional rickshaws can also be found (15)---- Japan as a cultural experience for tourists.

11.

- A) is being pulled
- B) is pulled
- C) has been pulled
- D) had been pulled
- E) was pulled

12.

- A) similar to
- B) in addition to
- C) in spite of
- D) in terms of
- E) owing to

13.

- A) remains
- B) investigates
- C) increases
- D) proves
- E) keeps

14.

- A) As a result
- B) Instead
- C) However
- D) Moreover
- E) Therefore

15.

- A) over
- B) alongside
- C) of
- D) throughout
- E) from

For the questions 16–20, choose the best word or expression to fill the spaces in the passage.

'Dark heritage' refers to the remnants (16)---- past events often associated with destruction and suffering. Dark heritage sites are places like battlefields and prisons that are linked to traumatic historical events. While visiting them may shed light on the darker aspects of history, they can also provoke fear and anxiety (17)---- their connection with violence and trauma. Conserving these sites can prove challenging (18)---- they may have conflicting meanings for different groups of people. Nonetheless, many people believe (19)---- and honouring the victims of past brutalities by preserving and visiting these sites is essential. Although there is no UNESCO World Heritage category that explicitly designates dark heritage, sites like the Hiroshima Peace Memorial in Japan, the sole structure (20)---- the world's first atomic attack, immediately spring to mind when tragic events in history are concerned. It highlights the devastation caused by nuclear warfare and the importance of safeguarding these sites for the coming generations.

16.

- A) from
- B) behind
- C) over
- D) beyond
- E) within

17.

- A) contrary to
- B) in spite of
- C) on behalf of
- D) as well as
- E) because of

18.

- A) even if
- B) since
- C) unless
- D) much as
- E) as if

19.

- A) overdramatising
- B) compensating
- C) commemorating
- D) individualising
- E) discriminating

20.

- A) withstanding
- B) to be withstanding
- C) to withstand
- D) having withstood
- E) to be withstood

Answer the questions 21–23 according to the passage below.

The İstanbul Beyoğlu Funicular, also known as the Tünel, is the second oldest underground railway in the world after the London Underground and has been in service since 1875. A French engineer, Eugène-Henri Gavand, who visited İstanbul as a tourist in 1867, noticed that people were struggling to travel from Karaköy, which was an important financial and commercial centre, to Beyoğlu, which was a lively and attractive leisure destination. Commuting between two prominent districts was too exhausting, seeing that there was only one road, Yüksek Kaldırım Street, which was too steep and not suitable for pedestrians or transport. Gavand then came up with the idea of building a funicular railway connecting two important districts that would eliminate the requisite climb up the hill. Having been finally approved by Sultan Abdülaziz after long negotiations, his tunnel project was immediately put into construction. Now, it not only provides easy and comfortable travel but also holds a fascinating feature of its history and culture. It has been embraced by tourists as well as residents and is also considered a symbol of the history of transportation in İstanbul.

21. According to the passage, Eugène-Henri Gavand ----.

- A) was an engineer who realised that people in İstanbul would like to be more prolific, but travelling was an obstacle
- B) became a big fan of İstanbul, and he therefore negotiated constantly with Sultan Abdülaziz to persuade him to approve the Tünel construction
- C) noticed that his professional career would receive a significant boost by connecting with the awesome features of İstanbul's history and culture
- D) had the intention of introducing to the world İstanbul's significant financial and commercial values and vibrant leisure destinations
- E) had been in İstanbul as a tourist and thought that an underground funicular line would address transportation problems

22. Which statement is true about Yüksek Kaldırım Street?

- A) It was the most crowded one in İstanbul, which made people exhausted while passing through it.
- B) It was an essential thoroughfare interconnecting two prominent districts of İstanbul; however, it was not decent.
- C) It was too steep but, nevertheless, had the historical and symbolic attractions of the city.
- D) It was a mere road connecting districts that people mostly lived and worked in.
- E) It was the most important financial and commercial centre in İstanbul, yet it was too steep.

23. One can understand from the passage that the İstanbul Beyoğlu Funicular ----.

- A) has been embraced by tourists as well as locals because of its splendid view
- B) was instigated by a French engineer, besides being the second oldest underground
- C) contributed a great reputation to Sultan Abdülaziz and the career of the French engineer
- D) symbolises the history of transportation in İstanbul and has been a controversial construction
- E) prevents a quick and easy way to travel up the steep hill from Karaköy to Beyoğlu

Answer the questions 24–26 according to the passage below.

Mixed heritage sites are designated by UNESCO as cultural and natural sites with outstanding universal value, representing a unique combination of both types of heritage. These sites have emerged from the acknowledgement that certain places are important not only for their cultural aspects but also for their natural landscapes. However, such sites are relatively rare when compared to other types of heritage sites. To be recognised as a mixed heritage site, a place must meet specific criteria, such as being a masterpiece of human creative genius, bearing remarkable testimony to a cultural tradition or civilisation, and being an impressive example of a traditional human settlement. Among the most well-known mixed heritage sites globally is Machu Picchu, an Incan citadel located in the Andes Mountains of Peru. It highlights the Incan civilisation's astounding engineering and architectural feats in harmony with the region's natural beauty and biodiversity. The site features intricate stone structures with astronomical alignments and irrigation systems that blend seamlessly into the mountain landscape on the top of a mountain ridge overlooking a lush rainforest valley below. Its location both highlights the Inca people's use of agricultural practices in a challenging environment and provides insights into how the Inca people adapted to their environment and employed natural resources to create a sustainable society.

24. According to the passage, mixed heritage sites ----.

- A) must have a modern architectural design blending with their surroundings
- B) can be found in urban areas as well as woodlands or mountaintops
- C) include places that need more unique insights into the history of a region
- D) can never be designated by UNESCO as cultural and natural sites
- E) are significant for both their natural landscapes and cultural importance

25. It can be understood from the passage that Machu Picchu ----.

- A) is a must-visit destination for those who wish to witness breathtaking views of the Andes
- B) should have been deemed a mixed heritage site on the grounds that it meets strict criteria
- C) offers a unique opportunity to experience the whole history and culture of Peru
- D) is a place where the cultural and natural realms merge to form a rare and exquisite union
- E) has not only been trivial for its artistic aspect but also for its intrinsic connection with nature

26. One can infer from the passage that the Inca people ----.

- A) used nature and celestial bodies as a guide for their architectural and engineering endeavours
- B) would rather have lived in a lush rainforest valley with natural beauty than on the top of a mountain ridge
- C) possessed advanced knowledge of agricultural practices, unlike their architectural knowledge
- D) were able to protect the biodiversity in their region through the irrigation systems they built there
- E) could adapt to where they lived by using resources from their immediate environment, like stones

Answer the questions 27–29 according to the passage below.

Medical tourism is a growing trend where people travel to different countries for medical treatment or procedures. This trend is driven by various factors, such as the soaring costs of healthcare in some developed countries, long waiting times for specific treatments, and the availability of world-class medical facilities in other nations at more affordable prices. Patients often seek specialised treatments that may not be accessible or offered in their home countries, along with the opportunity to combine medical care with leisure and travel experiences. This emerging industry has resulted in a boom in medical tourism destinations globally. Countries like Thailand, India, and Mexico have become popular choices for medical tourists primarily because of their high-quality healthcare services provided by expert practitioners at budget-friendly rates. Moreover, these countries offer international patients personalised care and support, aiming to create a comfortable and stress-free experience for them. However, not all medical tourism destinations can guarantee the same level of quality and safety as their celebrated counterparts. Some may lack the necessary infrastructure and regulations to provide top-notch medical care, putting patients at risk. Therefore, while medical tourism has numerous advantages, it is crucial to thoroughly research and select a destination that prioritises quality and safety to ensure the best possible healthcare experience.

27. According to the passage, those in need of expert medical care turn to foreign countries since ----.

- A) they can relax and enjoy themselves without any risk
- B) a combination of medical care and leisure is barely preferred
- C) healthcare services are provided at considerable costs
- D) care and support are always tailored to the individuals' needs
- E) it may not be available or easy to get in their homelands

28. What can be inferred from the passage?

- A) Researching medical tourism in great depth is not absolutely necessary, as it offers a variety of benefits.
- B) Some destinations for medical tourists fail to provide the same high standards as more well-known ones.
- C) Patients can be at higher risk when there is a weakness in the country's infrastructure and legislation.
- D) The ideal healthcare is guaranteed by going somewhere that places a premium on both quality and safety.
- E) Medical tourists keep flocking to Thailand, India, and Mexico for the treatment they offer despite the expense.

29. Which of the following could be the best title for the passage?

- A) Seeking Care Abroad with Medical Tourism
- B) Quality and Safety in Medical Tourism
- C) Embracing the Benefits of Medical Tourism
- D) Balancing Healthcare and Travel Abroad
- E) Unlocking Global Healthcare Opportunities

Answer the questions 30–32 according to the passage below.

The Leaning Tower of Pisa, located in Pisa's main square, Piazza del Duomo, is an impressive mediaeval structure that demonstrates the architectural brilliance of Italian architects through the strategic use of columns and arches. However, a flaw in the design led to its characteristic tilt, which can be attributed to a weak foundation on compacted clay. The tower's construction began in 1173, and initially, it remained upright for over five years. Nevertheless, after the completion of the third floor in 1178, it began to lean. Despite the increasing tilt, the tower was expanded in the 14th century with the addition of a bell chamber, causing it to lean even further. It then remained untouched for centuries. Following the end of World War II—unlike many other structures, the tower survived the war without damage—the Italian government sought assistance to fix the leaning tower and prevent its collapse. However, they did not desire to completely eliminate the tower's tilt, as it had become an iconic symbol of the city. Therefore, in 1990, it was closed to the public for renovations, and the bells were removed to accommodate the counterweights that would secure the tower. It eventually reopened in 2001 with enhanced safety measures, and today, it stands as an esteemed landmark, attracting tourists worldwide.

30. According to the passage, in 1178, ----.

- A) the first attempt to correct the tower's tilt turned out to be unsuccessful
- B) the tower underwent expansion, and a bell chamber was added
- C) restoration work started on the Leaning Tower of Pisa
- D) the tower was closed to the public for security reasons
- E) the tower began to sink when the construction reached the third floor

31. Which of the following is true about the Leaning Tower of Pisa?

- A) The tower was intentionally built with a tilted structure in order to attract visitors from around the world.
- B) The tower remained untouched for several centuries until certain sections of it were damaged during World War II.
- C) The tilt of the tower was a result of human error, even though the architects in charge of its design were highly skilled.
- D) The Italian government asked for help to rectify the tower's tilt; however, it proved impossible to achieve.
- E) The bells of the tower were removed due to their excessive weight, which posed a potential risk of structural collapse.

32. What is the passage mainly about?

- A) The architectural brilliance of Italian architects
- B) Common features of Italian architecture
- C) Reasons that caused the Tower of Pisa to lean
- D) The history of the Leaning Tower of Pisa
- E) Methods used to stabilise the Tower of Pisa

For the questions 33–36, choose the best option to complete the missing part of the passage.

33. Shipping by water has been extensively utilised for thousands of years and is still pivotal to modern international trade. Almost 90% of current global trade shipping has been fulfilled through maritime transportation because it has the highest freight carrying capacity at the lowest cost. ---- Additionally, one cargo ship emits the same amount of carbon dioxide that 50 million cars generate with respect to greenhouse gas emissions. Although there have been a great number of attempts to eliminate ocean emissions, it seems unlikely to get effective results or at least a 50% decrease in emissions by 2050.

- A) The advent of global trade has recently forced marine transportation to comply with strict regulations and tariffs.
- B) Compared to air shipping, the large cargo capacity of maritime cargo ships indisputably leads the sector.
- C) Along with the vast advantages of using waterborne transportation, it still runs into some setbacks in international trade.
- D) Being by far the slowest mode of transportation is, however, one of the greatest drawbacks of maritime cargo ships.
- E) Despite its low cost, maritime transportation, on the other hand, brings a lot of disadvantages in terms of air pollution.

34. Geoheritage refers to the geological features of the Earth that have immense scientific, educational, cultural, and economic value. They include rock formations, minerals, fossils, landforms, and other geologic phenomena. They provide information about the Earth's history and past climate. Beyond their scientific significance, these geoheritage sites possess profound cultural and societal value, steeped in traditional beliefs and legends. Moreover, they contribute to the local economy by acting as a magnet for tourists interested in geology and nature. ---- Geoheritage conservation and management are thus of the essence for the sustainable development of our planet.

- A) Geoheritage sites can also be used as outdoor classrooms to teach students geology and other scientific subjects.
- B) Protecting these sites is paramount to preserving geological diversity and ensuring they remain accessible for education and tourism.
- C) Tourists visiting geosites can also have a negative impact on local communities if not managed properly.
- D) The development of sustainable tourism practices at geoheritage sites can provide employment opportunities for the locals.
- E) The study of geosites can also contribute to our understanding of the effects of climate change on the Earth's past and present geology.

35. Wellness tourism has been practised throughout history, with ancient civilisations recognising the therapeutic properties of certain natural sites. One remarkable example of ancient wellness tourism sites was Hierapolis, a Graeco-Roman city located in present-day Türkiye. Built around natural thermal springs, which were believed to cure various ailments, including skin diseases and rheumatism, the city was frequented by those from all over the Roman Empire and beyond. ---- Today, Hierapolis is a UNESCO World Heritage Site with well-preserved Roman baths and a theatre, attracting visitors exploring the history of wellness tourism and ancient healing practices.

- A) The concept of wellness tourism has not remained static over time; modern wellness tourism often involves luxury resorts and spas.
- B) It was a significant wellness tourism site, but other civilisations also had their versions of healing sites.
- C) It thrived as people visited for health purposes, creating a flourishing centre of commerce and cultural exchange.
- D) The success of wellness tourism in Hierapolis demonstrates the economic significance of health-focused travel.
- E) Modern wellness retreats incorporate elements of ancient healing practices for tourists seeking holistic experiences and relaxation.

36. Petra, located in the rocky canyons of Wadi Musa, Jordan, is one of the most awe-inspiring archaeological sites in the world. It is believed to have been established in 312 BC and peaked as the capital of the Nabataean Kingdom from the 4th century BC to the 1st century AD. The city's remarkable rock-cut architecture, skilfully carved into the pink sandstone cliffs, includes famous structures like the Treasury, numerous tombs, and temples. Due to its advantageous position between Arabia, Egypt, and Syria, Petra played a significant role as a major trade hub. ----

- A) In the year 363 AD, a massive earthquake occurred, resulting in notable destruction in certain areas of Petra.
- B) Overall, the intricate water supply system of Petra, such as dams and cisterns, played a crucial role in sustaining the city's inhabitants.
- C) To conclude, the global popularity and recognition of the ancient city of Petra have increased due to its appearances in many films.
- D) The rock-cut tombs and structures of Petra exhibit a blend of architectural styles of ancient civilisations, making it an archaeological treasure.
- E) Its status facilitated the exchange of valuables such as spices, silks, and jewels, enriching its economic and cultural influence.

For the questions 37–40, choose the irrelevant sentence in the passage.

37. (I) Walking down the streets of Venice without a map requires a considerable effort to navigate the maze-like city; by the time people ensure that they arrive at their destination, they probably feel exhausted and burnt-out. (II) Gondolas, therefore, originally emerged in Venice, an outstanding city filled with picturesque canals that separate six small islands. (III) These canals have turned Venice into a popular tourist destination because the city has more waterways with marvellous gondolas than typical streets. (IV) These wonderfully designed boats seen today are the consequence of the gondolas' evolution from rowboats to ones that can now be rowed while standing up. (V) Additionally, the number of adventurous tourists visiting Venice annually compared to other very famous cities has been rising drastically.

A) I B) II C) III D) IV E) V

38. (I) Movable cultural heritage, including artwork, manuscripts, and artefacts, must be protected since they hold significant historical and cultural value. (II) These objects play a crucial role in understanding and appreciating our collective history and identity, but they are often at risk of theft, damage, and illicit trafficking. (III) Hence, it is important to establish strong legal frameworks and international agreements that make their protection and preservation a top priority. (IV) Protecting them ensures learning about ancestral creativity and ingenuity and generates revenue for local communities by boosting tourism. (V) This way, we can ensure that these priceless treasures are preserved as a testament to our shared legacy for generations to come.

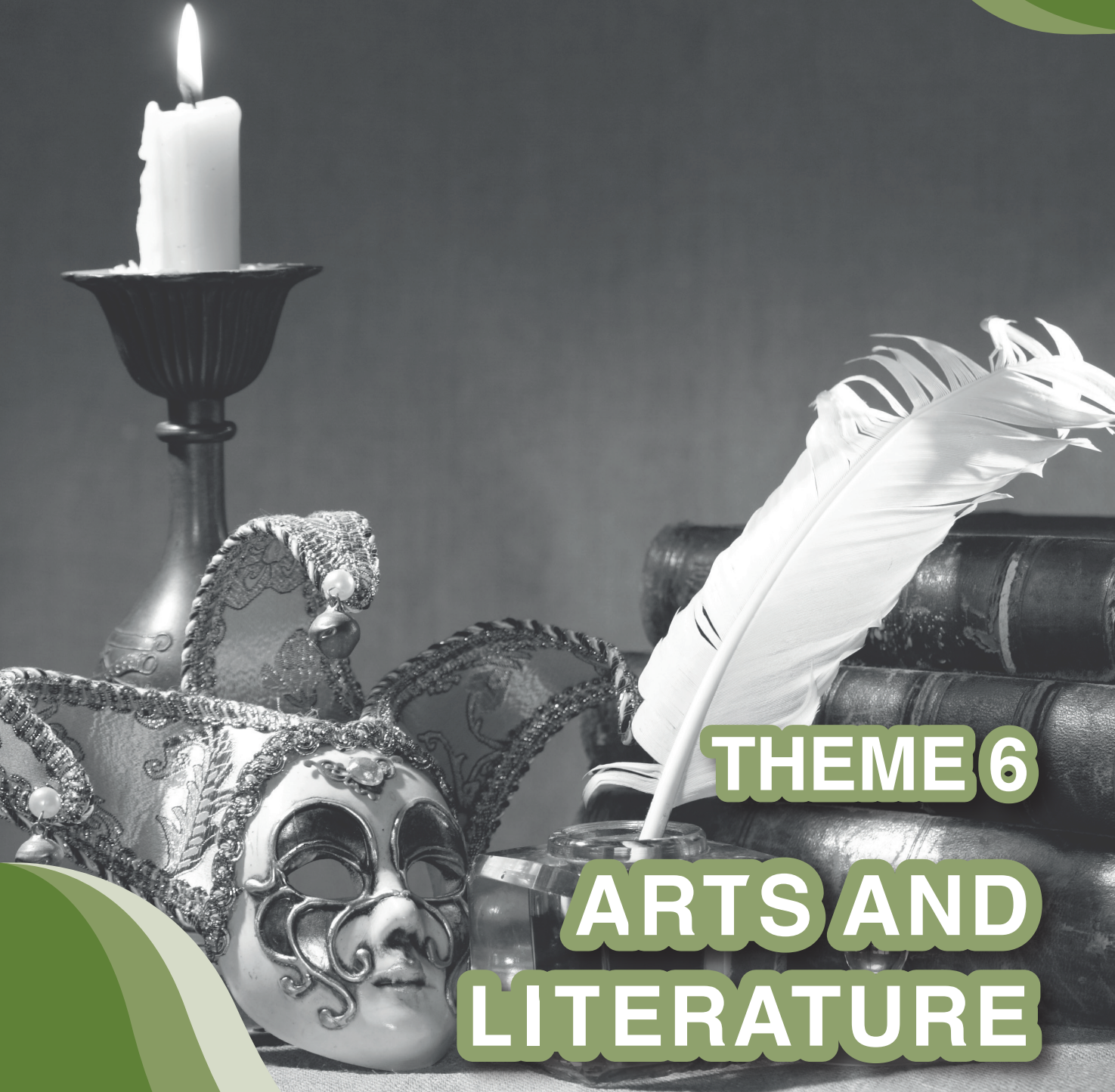
A) I B) II C) III D) IV E) V

39. (I) 3D virtual tourism (3DVT) is a popular and innovative practice allowing people to make simulated journeys to far-off places and iconic landmarks without even stepping outside their front door. (II) Users can experience realistic simulations of famous destinations, historical sites, and natural wonders through immersive technologies. (III) 3DVT has gathered irresistible momentum, as it enables individuals to satisfy their desire to travel, especially when they have financial or physical disadvantages. (IV) There are still some limitations and challenges associated with its widespread adoption despite its popularity. (V) Moreover, it opens gateways to learning about different cultures, historical contexts, and natural ecosystems, fostering a sense of appreciation for the world's diverse beauty.

A) I B) II C) III D) IV E) V

40. (I) The Great Wall of China, which spans a vast distance of 21,000 kilometres, comprises a series of fortifications that were meticulously constructed over numerous centuries. (II) The oldest sections of the wall date back more than 2,000 years. (III) Made of a variety of materials, such as earth, wood, and bricks, the wall's impressive watchtowers and fortresses allowed for strategic defence and communication. (IV) While its primary objective was to safeguard China against invasions and raids by nomadic tribes, it also functioned as a means of border control, trade regulation, and a symbol of imperial power. (V) Contrary to popular belief, the Great Wall is not visible to the naked eye from space.

A) I B) II C) III D) IV E) V



THEME 6

ARTS AND LITERATURE

Fictional Genres as Mirrors to Society's Reflection

Literary genres have been **extensively** ⁽¹⁾ used as a medium to comment on social and political issues. Genres like dystopian and science fiction can **bring up** ⁽²⁾ current issues through imagined future worlds. With the creation of a **hypothetical** ⁽³⁾ world, authors can highlight specific aspects of society that they believe need addressing. These genres often **depict** ⁽⁴⁾ societies in which technology and/or authority control has reached frightening levels, prompting readers to consider the consequences of unchecked power. Take Aldous Huxley's *Brave New World*, which is a vivid **portrayal** ⁽⁵⁾ of a dystopian world where people are genetically engineered and strictly controlled by those in power, addressing themes such as conformity and totalitarianism. Historical fiction, on the other hand, can shed light on lesser-known or marginalised historical events, providing a fresh **perspective** ⁽⁶⁾ on the past. By fictionalising and reimagining past events, authors can **daringly** ⁽⁷⁾ challenge dominant, established narratives and spotlight the emotions, motivations, and experiences of those involved. *Someone Knows My Name* by Lawrence Hill, for example, tells the story of the Black Loyalists, who were offered safe passage to Nova Scotia in exchange for their service to the British King during the American Revolution. This novel focuses on the struggles of African American people at that time, **pointing out** ⁽⁸⁾ how they were oppressed and restrained. In conclusion, these genres provide a platform for social and political commentary where authors can critique **contemporary** ⁽⁹⁾ society. Employing these genres, authors discuss themes and issues without being **constrained** ⁽¹⁰⁾ by the factual limitations of non-fiction writing.

a Choose the synonyms of the highlighted and numbered words and phrases in the passage.

- | | | | |
|------------------|------------------|---------------|------------------|
| 1. A broadly | B frankly | C smartly | D briefly |
| 2. A impede | B raise | C prove | D avoid |
| 3. A undebatable | B controversial | C domineering | D speculative |
| 4. A conceal | B reverse | C describe | D impart |
| 5. A declaration | B generalisation | C compilation | D representation |
| 6. A viewpoint | B mastermind | C background | D cornerstone |
| 7. A faintly | B rarely | C closely | D boldly |
| 8. A neglect | B claim | C mention | D pretend |
| 9. A corrupt | B modern | C superior | D civilised |
| 10. A disturb | B force | C restrict | D irritate |

b Complete the sentences with the correct forms of the words given below.

constrained

depict

hypothetical

daringly

extensively

- The _____ of characters and settings varies widely across different literary genres, influencing the tone and themes of each work.
- An author's _____ use of figurative language, including metaphors, similes, and personification, adds depth and complexity to their writing.
- The _____ of language can both challenge and inspire writers to create works of literature that push the boundaries of expression.
- Various _____ have been put forward regarding *The Time Machine* by H.G. Wells, including its potential as a commentary on social class and the nature of time itself.
- The most memorable and impactful works of literature often come from the _____ minds of authors who are willing to take risks and explore controversial topics.

c Read the passage and choose the correct answer for the questions below.

1. According to the passage, by creating a fictional universe, ----.

- A) authors fail to challenge dominant narratives as a result of non-factual limitations
- B) authors can draw attention to real-world issues that they believe should be dealt with
- C) more control over individuals' lives is gained in fictitious dystopian worlds
- D) readers can escape reality and forget about everyday-life problems bothering them
- E) fictional narratives become irrelevant to contemporary social and political issues

2. Both publications mentioned in the passage ----.

- A) disregard historical accuracy in favour of creative storytelling
- B) offer fresh perspectives on lesser-known or marginalised historical events
- C) present factual analyses of historical events and social issues
- D) delve into the spiritual realms of supernatural and mystical phenomena
- E) employ literary genres to question social and political issues

3. What is the primary purpose of the author?

- A) To argue that dystopian and science fiction genres are more effective than historical fiction
- B) To criticise the use of dystopian and historical fiction genres for social and political commentary
- C) To analyse the impact of dystopian and historical fiction genres on contemporary society
- D) To compare the effectiveness of dystopian and historical fiction genres in addressing issues
- E) To highlight the significance of literary genres such as dystopian and historical fiction

d Choose the best word or expression to fill the spaces in the passage.

Reading different genres can greatly benefit readers, as it can open up new perspectives, introduce them to unfamiliar authors, and enhance their overall reading experience. (1)----, science fiction or fantasy can take readers to new worlds and challenge their imagination, while poetry or memoirs can evoke empathy and raise emotional intelligence. However, a recent survey found that most American adults only read (2)---- a single genre, indicating a need for more diverse reading habits. By embracing various genres, readers can (3)---- their preferences and discover new authors, all while boosting their vocabulary, writing skills, and creativity. (4)---- this, exploring various literary genres can help readers develop as writers and communicators by exposing them to fresh ideas and viewpoints. (5)---- with dissimilar cultures and experiences, readers can gain a deeper understanding of the world around them. It is thus imperative that readers diversify their reading choices to expand their knowledge and stimulate their thinking.

1.

- A) Nonetheless
- B) Furthermore
- C) In conclusion
- D) For instance
- E) That is to say

2.

- A) within
- B) beyond
- C) across
- D) outside
- E) upon

3.

- A) entitle
- B) justify
- C) refine
- D) imply
- E) ensure

4.

- A) Regardless of
- B) Apart from
- C) In advance of
- D) As regards
- E) In case of

5.

- A) Connecting
- B) Having connected
- C) To connect
- D) Being connected
- E) Connected

Painting History with Fine Brushes: The Art of Miniature

The Turks portrayed **influential** events and cultural elements during their pre-Islamic history. They used **peculiarly** ⁽¹⁾ shaped textiles, ceramics, wood, and leather, most of which have survived to the present day. Among the **manuscripts** in the Uyğur library, there is one dating back to 868, which contains the world's oldest known illustration. With the influence of Islamic culture, this art was **followed up** with the art of miniature, introducing new guidelines for detailed depiction. The first school of miniatures was established in Baghdad by Seljuk Turks, and it **strikingly** ⁽²⁾ survived until the end of the 14th century. The style of the miniature artists continued to be influenced by ancient Uyğur drawings and traditional stories until the reign of Tamerlane, during which they usually **illustrated** romantic stories and fables pictured within scenic backgrounds. In the 15th century, following the conquest of Istanbul, the art of miniature **grew into** a new phase, involving the creation of intricate scenes depicting historical events, religious stories, court life, and more. Miniature artists were known as 'nakkashes' and were tutored for years to use fine brushes and shading techniques to create details requiring great skill and **endurance**. ⁽³⁾ They did not **adhere** ⁽⁴⁾ strictly to a realistic perspective; instead, they prioritised presenting information and narrative over strict realism. Even after the decline of the empire, the unique techniques and style of Ottoman miniatures were not **obsolete**; ⁽⁵⁾ they continued to inspire later generations of fine artists.

a Choose the antonyms of the highlighted and numbered words in the passage.

- | | | | |
|--------------------|-----------------|----------------|-----------------|
| 1. A sincerely | B commonly | C definitely | D consciously |
| 2. A unremarkably | B inevitably | C abnormally | D notably |
| 3. A significance | B predominance | C tolerance | D impatience |
| 4. A differentiate | B dissociate | C exaggerate | D terminate |
| 5. A revolutionary | B extraordinary | C contemporary | D complementary |

b Replace the words and phrases in bold with the ones given below. Change the form if necessary.

endurance

follow up

grow into

illustrate

influential

manuscript

strikingly

1. Archaeologists found some **old handwritten documents** next to the excavation area, where they have indeed been looking for mosaic ruins. _____
2. A group of graphic designers and editors has been working hard on **picturing** the world classics for children, as it is in high demand. _____
3. The power of the fine arts lies in their ability to **deeply affect** individuals by evoking emotions and thoughts that cross the boundaries of time and culture. _____
4. The painter's replica series **continued** with one of the masterpieces of Osman Hamdi Bey, recreating the fine details and revealing the essence of his artistic vision. _____
5. The process of producing the artwork was hardly **bearable**, but the nakkash's patient and focused behaviour showed that he was going to create a masterpiece of his time. _____
6. One of the most **surprising** facts about artists in history is their ability to create timeless works of art that can captivate audiences even centuries later. _____
7. Modern art has **gradually changed to** a diverse and dynamic style with a wide range of perspectives that reflect the nature of contemporary society. _____

c Read the passage and choose the correct answer for the questions below.

1. Which of the following is true according to the passage?

- A) The art of miniature originated during the Seljuk Empire and persisted until the Ottoman conquest of İstanbul.
- B) The Uygur manuscript from 868 was such a great discovery for Seljuk Turks that they immediately founded a school of miniatures.
- C) From Uygur illustrations to intricate depictions of Ottoman history, the art of miniature has undergone various phases over centuries.
- D) Ottoman miniatures exclusively centred on religious narratives and court life, rather than historical events, portrayed in finely detailed scenes.
- E) Influenced by Islamic culture, miniatures strictly followed realistic perspective techniques during Tamerlane's reign.

2. According to the passage, early Turkish illustrations ----.

- A) were a mixture of historical events and religious narratives
- B) generally focused on giving information about daily life
- C) depicted traditional stories and court life in a realistic style
- D) were created with unique techniques and strict rules
- E) were printed on various specifically formed materials

3. It is understood from the passage that nakkashes ----.

- A) employed fine brushes and shades to work on details, showcasing their exceptional skills and patience
- B) were known for using a wide variety of traditional techniques and abstract forms in their artworks
- C) received exclusive training in manuscript illustration before transitioning to the art of miniature
- D) passed on information about significant events and cultural heritage via Ottoman miniatures
- E) followed strict rules of realistic perspective to ensure accuracy in their portrayals of historical events

d Choose the best option to complete the missing part of the passage.

Calligraphy has been practised for centuries in various cultures around the world, often serving as a means of artistic expression, communication, and documentation. It is not just about writing words but about blending the written characters with a sense of aesthetics, rhythm, and emotion. Learning calligraphy involves studying specific scripts, practising stroke patterns, and understanding the principles of the art form. ---- Furthermore, mastery means controlling the writing tool, understanding the nuances of strokes, and internalising the principles of the particular calligraphic tradition.

- A) Different cultures and civilisations have developed their own calligraphic styles and scripts throughout history.
- B) Achieving proficiency, on the other hand, requires dedicated practice and a deep understanding of the script or style.
- C) Many calligraphy artists and enthusiasts attend workshops and classes or take online courses to refine their skills.
- D) However, it is a fine art form that involves creating beautiful and expressive writing through artistic penmanship.
- E) It is created using specialised writing tools, the choice of which depends on the desired style and the type of script.

e Choose the irrelevant sentence in the passage.

(I) Turkish carpets are world-famous for their intricate designs, vibrant colours, and exceptional artistry. (II) Traditionally, they are made of high-quality wool, which is often collected from sheep raised in the mountains of Türkiye. (III) The wool is processed into colourful fibres and tied around the warp threads on a loom using the hand-knotting technique. (IV) Different regions of Türkiye have their distinct weaving techniques and motifs, often influenced by their geographical and cultural characteristics. (V) The number of knots per square inch contributes to the carpet's quality, durability, and resilience.

- A) I B) II C) III D) IV E) V

The Rebirth of Art and Literature

The Renaissance, which **threw aside** the restrictive beliefs and practices of the Middle Ages, sparked a new-found interest in humanism, individualism, and realism. These intellectual movements highlighted the significance of human potential and **accomplishments**. Furthermore, the invention of the printing press in 1450 **radically** changed the course of the Renaissance period. This was because it played a crucial role in disseminating new ideas by making books and fine prints of famous paintings **readily** available and affordable to a wider audience. As a result, individuals from diverse socio-economic **backgrounds** could engage in pursuits like literature and art. All these circumstances and advancements **inspired** people to seek knowledge and rational thinking, resulting in notable changes in various disciplines, including art and literature. In literature, there was a shift from moral teachings to individual experiences. Writers like Shakespeare aimed to depict the complex emotions of people through relatable characters who **dealt with** their desires, fears, and ambitions and faced the consequences of their actions. The Renaissance artists also experimented with **novel** techniques and materials, which led to the creation of groundbreaking artworks that continue to evoke awe and wonder today. Leonardo da Vinci exemplified this transition in artistic style. Instead of focusing solely on idealised and religious subjects, he **rendered** the world as he observed it, using his deep understanding of anatomy and perspective. *The Mona Lisa* perfectly illustrates his success, as her facial expression and the use of light and shadow appear remarkably **lifelike**.

a Match the highlighted words and phrases in the passage to the definitions below.

1. _____: in a way that is done or obtained without difficulty
2. _____: a special skill or ability
3. _____: to take action in order to achieve something or to solve a problem
4. _____: closely resembling the object imitated
5. _____: the details of a person's family, education, experience, etc.
6. _____: to express or perform something
7. _____: to reject something such as an attitude, a way of life, etc.
8. _____: in a complete and detailed way
9. _____: to make someone feel confident and eager to do something
10. _____: different from anything known before

b Replace the words in bold with the words and phrases given below. Change the form if necessary.

accomplishment

inspire

novel

throw aside

deal with

lifelike

radically

1. A study discovered that people tend to hold a more positive opinion of artists who have **abandoned** their old style, rather than those who stick to one style. _____
2. Women writers and artists had to **confront** the perception that literature and art were male-dominated fields and were excluded from education in those fields until the 19th century. _____
3. Performers of art can draw inspiration from previous periods and movements, but what sets them apart is their capacity to include their own **unique** ideas and perspectives into their creations. _____
4. Throughout history, humanity has shown remarkable **capabilities** to generate, advance, and articulate ideas through art and literature. _____
5. Michelangelo emphasised balance, harmony, and the ideal form in his figurative works; his statue of *David* demonstrates these artistic sensibilities with its **realistic** and detailed anatomy. _____
6. The blending of conscious, unconscious, and subconscious elements, along with dream-like storytelling in surrealism, resulted in **profound** shifts in how literature is interpreted. _____
7. The Modernist movement was **stimulated** by new ideas of improving the language of poetry, aiming to transform it into a tool for precise description and evoking emotions. _____

c Read the passage and choose the correct answer for the questions below.

1. According to the passage, Renaissance art and literature ----.

- A) had a limited and brief impact on artistic and literary expression compared to other historical periods
- B) aimed to depict the natural world and human experiences with a strong emphasis on realism
- C) were focused on celebrated heroism, virtue, and the struggles of characters against supernatural forces
- D) primarily revolved around religious themes, frequently portraying scenes that featured religious figures
- E) often showcased dreamlike and fantastical imagery, which was a clear departure from rationality

2. One can understand from the passage that ----.

- A) only individuals who belonged to a specific socio-economic status may have shown interest in art and literature during the Renaissance period
- B) the Renaissance was characterised by dogmatic beliefs and customs that imposed limitations, similar to those observed during the Middle Ages
- C) the invention of the printing press served as an inspiration for individuals to produce their own works and disseminate their ideas
- D) instead of solely concentrating on moral lessons, Renaissance writers began to explore the complexities of human emotions and experiences
- E) Leonardo da Vinci's artworks portrayed idealised and religious figures, demonstrating his profound knowledge of human anatomy and the principles of perspective

3. What is the primary purpose of the author?

- A) To explain how new ideas influenced art and literature during the Renaissance era
- B) To provide some brief information about everyday life during the Renaissance
- C) To highlight the importance of the printing press in spreading the Renaissance ideas
- D) To persuade readers that the Renaissance era was the best period for the creation of art
- E) To inform the reader of the strict beliefs and practices of the mediaeval period

d Choose the best word or expression to fill the spaces in the passage.

The Romantic Period, which lasted from 1798 to 1837, (1)---- by the French Revolution and the changing political and economic climate of that time. This era brought about significant social changes, such as a stronger push to end slavery and migration from rural to urban areas (2)---- industrialisation. Romanticism emerged as a reaction (3)---- industrialism and criticism of aristocratic norms, with a focus on the importance of nature. (4)---- writers of this period did not consider themselves Romantics, they were later classified as such by Victorian writers because of their skill in capturing human emotions. Early Romantic writers like Robert Burns and William Blake delved into themes of freedom and innocence in their poetry. However, unlike other writers of the time, Jane Austen focused on the everyday lives of ordinary people, shifting towards social realism. Her novels featured (5)---- heroines, depicting the lives of women during that era.

1.

- A) is influenced
- B) was influenced
- C) have been influenced
- D) had been influenced
- E) was being influenced

2.

- A) regardless of
- B) contrary to
- C) except for
- D) on behalf of
- E) due to

3.

- A) against
- B) between
- C) from
- D) of
- E) by

4.

- A) In order that
- B) Unless
- C) As
- D) Although
- E) Before

5.

- A) enigmatic
- B) popular
- C) relatable
- D) fictional

E) fantastic

Going on the Stage

The performing arts are creative forms of art performed by individuals or ensembles in front of a live audience, using their voices, bodies, or objects to **convey** artistic expressions. The beginning of these types of art can be traced back to ancient Greece, where plays, comedies, dances, and other forms of entertainment were **carried through** in theatres and arenas. The performing arts **comprise** everything from dance, theatre, and vocal and instrumental music to pantomime, spoken verse, and more. Foremost among the performing arts, music is likely the most universal and **accustomed** one in every community, more often as an integral part of other forms of the performing arts and other domains of intangible cultural heritage, such as rituals, festive events, or oral traditions. It has the potential to **draw on** the traditions and history of a particular society, whether classical, popular, or closely connected to work or entertainment. Another one is dance, which, though very sophisticated, may be defined **straightforwardly** as controlled bodily movements generally featured in music. Dance's rhythmic gestures, steps, and movement usually represent **sentiment** or emotion as well as reflect a particular occasion or routine activity beyond its physical component. Theatre performances, **subsequently** one of the most common performing arts, usually incorporate acting, singing, dance, dialogue, and narration but may also cover puppetry or pantomime. These arts, nevertheless, have **outstanding** roles in communities and cultural domains. In particular, songs sung while doing agricultural work or music that is a part of a ritual have more meaning than a simple performance for a **spectator**.

a Match the highlighted words and phrases in the passage to the definitions below.

1. _____: to have things or people as parts or members; to consist of
2. _____: in a way that is easy to do or to understand
3. _____: a person who watches an activity, especially a public event, without taking part
4. _____: to complete something successfully
5. _____: to express feelings, thoughts, or information to others
6. _____: extremely good; excellent
7. _____: commonly used or practised
8. _____: to use a supply of something that is available
9. _____: afterwards; later; after something else has happened
10. _____: a feeling or an opinion, especially one based on emotions

b Underline and replace the synonyms of the given words and phrases in the sentences. Change the form if necessary.

convey
outstanding
spectator
accustomed
draw on
sentiment
subsequently

1. Talented performers, with a skilfully choreographed performance, can relay their emotions with an outstanding performance that fascinates and impresses the audience.
2. The feelings and emotions that music playing in the background of dance performances stirs up frequently appear to be reflected in the dancers' body language.
3. People interested in art or creative professions generally benefit from not only their personal experiences and stories but also cultural and social events that may affect them.
4. The performance arts extend beyond the usual boundaries of communication by allowing individuals to express themselves through various mediums like dance and music.
5. The Lumière brothers created the *cinématographe* in 1895 and introduced a crucial innovation in art by projecting moving images onto a large screen; afterwards, the cinema was born.
6. Cutting-edge technologies ensuring captivating and clear visuals, along with enhanced sound effects and editing tools, contribute to providing audiences with a more appealing cinematic experience.
7. Tim Robbins and Morgan Freeman featured awesome performances in a film based on a novella by Stephen King telling the story of a banker who is sentenced to life in prison.

c Read the passage and choose the correct answer for the questions below.

1. Which of the following statements about music is true according to the passage?

- A) Having been able to draw on the history and customs of society makes it invaluable and integral to cultural heritage.
- B) In any social event, like rituals, and telling oral traditions, it has to be firmly close to work and entertainment.
- C) Along with being essential to other arts and tracing cultural legacy, it is the most prevalent art in societies.
- D) On account of being accustomed to every community, it laid the foundation for other kinds of the performing arts.
- E) It can be classical or popular as long as it carries the cultural heritage traces of a particular community.

2. We can infer from the passage that the performing arts ----.

- A) consist of nearly all the arts, which aim to transmit artistic expressions to a live audience
- B) are presented live on stage, where the artistic expressions capture the audience's interest
- C) refer to only the arts admitted by every society, like music and theatre, which require live performances
- D) are performed for the audience, using bodies, voices, and talents as a means of creative expression
- E) aim to be an integral part of other forms of art and pass intangible cultural heritage down to the audience

3. Which of the following best describes the relationship between the performing arts and cultural heritage?

- A) The performing arts that frequently utilise the history and customs of a society may reflect cultural expressions and events.
- B) Cultural heritage, including rituals and festive events of a community, often becomes a cornerstone of the performing arts.
- C) Songs sung during agricultural work or music as part of rituals contribute a lot to the growth of the performing arts.
- D) Societies have created their performing arts to reflect their ancient culture, just like in ancient Greece.
- E) The performing arts should carry the historical and traditional traces of a society to preserve intangible cultural domains.

d Choose the best option to complete the missing part of the passage.

Being interested in the performing arts can contribute many benefits to personal development, such as the ability to think creatively, innovate, and respect others from different cultures. It also encourages people to relay their emotions, use their imagination, and find their unique voices that boost their confidence and help them develop self-expression. Expressing themselves effectively through art, in particular, makes it easy for people to show their skills and qualifications in various environments, including school and social gatherings. They achieve better results in their academic and business abilities since they gain more confidence and have better communication skills. ----

- A) Each of the arts of music, dance, and theatre consequently engages the brain, body, and emotions in unique ways.
- B) This also inspires people to make a great deal of progress in their feelings, imaginations, and distinctive voices.
- C) They are, in short, better equipped to succeed in any career path they decide on or in their social lives.
- D) Many studies have also revealed that people participating in the performing arts achieve better in many other aspects of life.
- E) They, on the other hand, obtain the best job opportunities compared to those who do not enthuse over these arts.

e Choose the irrelevant sentence in the passage.

(I) Although cinema and the performing arts are two sides of the same coin based on their shared purpose of storytelling, they differ in some ways. (II) Cinema is a form of visual art using technology to produce moving images, while the performing arts encompass live events mostly using music and dance to deliver performances. (III) In cinema, the audience experiences the film through their own eyes, as though they were in it, and feels like they are part of it. (IV) In the performing arts, however, the audience experiences the story happening around them and feels like they actually take part in it. (V) In terms of their history and origins, both began as an expansion of the oral storytelling customs seen in various cultures all over the world.

- A) I B) II C) III D) IV E) V

For the questions 1–10, choose the best word or expression to fill the space.

1. In fine art photography, each captured image is more than a photograph; indeed, it is an intricate ---- that narrates a story and stimulates feelings.
A) perspective B) background
C) declaration D) simile
E) illustration
2. Cubist artists verified the ---- that reality could be portrayed from various perspectives by using geometric forms and shapes and dividing objects into angular compositions.
A) consequence B) accomplishment
C) hypothesis D) manuscript
E) spectator
3. In ---- fine arts, artists use unusual materials like recycled plastics and found objects to make thought-provoking art that highlights environmental issues in new ways.
A) conventional B) contemporary
C) ethnic D) ancient
E) classical
4. In an era characterised by the vibrant and dynamic artistic ideas of the 1960s, minimalism emerged as a ---- movement that emphasised simplicity in its aesthetic principles.
A) radical B) dreamlike
C) political D) figurative
E) dogmatic
5. What makes the avant-garde cinema unique is that film-makers ---- experiment with unconventional storytelling techniques and visual styles that are rarely seen in mainstream cinema.
A) innocently B) daringly
C) readily D) predictably
E) inevitably
6. In detective fiction, clues are often presented ----, encouraging readers to join in the investigation and assemble clues to unveil mysteries alongside the protagonist.
A) frankly B) extensively
C) peculiarly D) straightforwardly
E) unconsciously
7. Street art can remarkably ---- public perception by converting urban landscapes into dynamic canvases that convey societal, cultural, and political messages.
A) constrain B) adhere
C) influence D) impose
E) highlight
8. The genre of fantasy has always fascinated the human imagination, as it ---- a variety of worlds where the impossible becomes possible, persistently testing the reader's understanding.
A) prompts B) controls
C) prevents D) marginalises
E) depicts
9. The Dada artists, dissatisfied with conventional interpretations of art, ---- traditional artistic norms, and created anti-art pieces that included irrational and absurd elements.
A) threw aside B) brought up
C) engaged in D) grew into
E) focused on
10. When all participants in the performing arts collaborate and exert their maximum effort, they will ---- an exceptional work of art that demonstrates their dedication.
A) lie in B) draw on
C) point out D) carry through
E) stir up

For the questions 11–15, choose the best word or expression to fill the spaces in the passage.

Puppetry is a form of live theatre in which performers create and manipulate puppets, ranging (11)---- hand and shadow puppets to marionettes, and perform with them in diverse settings such as museums, libraries, and parks to act out scenes and provide comic relief. This art dates back centuries and appears (12)---- in almost all societies across the world for a variety of purposes, including education, entertainment, and socialisation. (13)----, puppets are considered real entities and given unique traits in many cultures. The most significant aspect of the art of puppetry is that it requires both technical mastery and original (14)----. Puppeteers are supposed to have a thorough grasp of the technical aspects of puppetry (15)---- the ability to express themselves both physically and verbally through their puppets.

11.

- A) through B) over
C) from D) across
E) among

12.

- A) having existed B) to be existed
C) existing D) being existed
E) to have existed

13.

- A) However B) Moreover
C) In conclusion D) On the contrary
E) Therefore

14.

- A) expectation B) persistence
C) movement D) creativity
E) assurance

15.

- A) as well as B) rather than
C) in case of D) owing to
E) apart from

For the questions 16–20, choose the best word or expression to fill the spaces in the passage.

Niche writing involves creating content (16)---- to a particular audience or topic, such as health, finance, technology, parenting, and travel. Its primary objective is to provide engaging and relevant information to a specific group of people (17)---- a general audience. To (18)---- in this field, niche writers need to possess an in-depth understanding of their chosen topic and the intended readership. They must skilfully explain complex ideas and present them in a way that is accessible to their audience. (19)---- its ability to target intended audiences and increase engagement, niche writing has become popular online, including in website content, social media, and email marketing. (20)----, niche writing is not confined to the digital realm and can also be practised in traditional publishing. It can be a remarkable way for writers to establish expertise in a particular area and explore potential writing opportunities in that domain.

16.

- A) tailoring B) having tailored
C) tailored D) to have tailored
E) having been tailored

17.

- A) as regards B) in view of
C) rather than D) in spite of
E) on account of

18.

- A) excel B) collapse
C) invest D) precede
E) confide

19.

- A) Upon B) With
C) Onto D) Into
E) Beside

20.

- A) In other words B) Otherwise
C) On the whole D) Therefore
E) Nevertheless

Answer the questions 21–23 according to the passage below.

An opera is a form of staged drama that consists of vocal pieces accompanied by instrumental components. It is a theatrical work made up of a dramatic text or libretto which has been set to music and staged with costumes, scenery, and movement. It usually takes its subject from history, legends, mythology, or current events. Opera's earliest universally accepted ancestors emerged in the 16th century in Italy. Florence became the cradle of opera, with its set theatrical tradition, a strong sense of civic humanism, and a distinctly Florentine view of music and music's relation to the cosmos. The earliest composition considered an opera, *Dafne*, the story of a Greek myth, was written around 1597. It was largely inspired by an exclusive group of intellectual Florentine humanists, musicians, and poets who gathered as 'The Florentine Camerata.' These intellectuals focused on the study and discussion of ancient Greek and Latin literature, and they influenced trends in the arts, particularly music and drama. *Dafne* was composed with the collaboration of Jacopo Corsi, a noble person sponsoring the opera; Ottavio Rinuccini, the first opera librettist; and Jacopo Peri, a singer and composer. However, *Dafne* could not survive because most of its pieces had been lost.

21. We can infer from the passage that an opera ----.

- A) traces back to the 16th century, when theatrical works were performed for elite Florentine intellectuals
- B) has been performed on stage, telling a historical narrative with costumes, scenery, and movement
- C) is a form of theatrical work on stage in which singing with instrumental accompaniment is fundamental
- D) could have made great progress, just like other branches of art, if the first opera had not been lost
- E) is a type of the performing art in which all or most of its words are composed with ritual music

22. According to the passage, why is Florence considered the birthplace of opera?

- A) Greek and Latin mythology impacted the Florentine intellectuals, who followed trends in the arts and guided composers to write operas.
- B) Jacopo Corsi, Jacopo Peri, and Ottavio Rinuccini, from elite groups in Florence, combined their literary works with music.
- C) Florentine intellectuals were pioneers of the arts and wanted to take a step forward in art by combining music and drama.
- D) The stories in the history, legends, and mythology of Florence were appropriate for comprising the elements of the theatrical tradition.
- E) The established dramatic tradition, civic humanism, and Florentine attitudes towards music laid the groundwork for opera.

23. It can be understood from the passage that *Dafne* was the ----.

- A) first opera comprised of the efforts of three intellectuals; it, however, could not wholly survive to our time
- B) story of a Greek myth that was entirely inspired by an elite circle of people in the Florentine Camerata
- C) use of music that conveyed the emotions and messages in the entire story of Florentine
- D) earliest composition regarded as an opera because it was composed by three talented intellectuals
- E) first musical piece of an opera composed by three intellectuals that had disappeared and could not survive

Answer the questions 24–26 according to the passage below.

Literary genres play a pivotal role in book marketing since they help publishers and authors target specific audiences and create expectations for readers. Genre labels such as romance, sci-fi, or mystery are used to direct readers towards books they are likely to enjoy. Romance novels, for example, are typically marketed towards female audiences, whereas science fiction is often marketed towards male-dominated audiences, however gender-stereotyped this may be. Understanding the preferences of target audiences is of the utmost importance to ensure a book's success. Genre expectations can also influence a reader's decision to purchase a book. Readers often have specific preferences for what they want to read and will gravitate towards books that align with their tastes. For instance, readers who enjoy the action-packed, plot-driven narratives of thrillers will likely avoid character-driven literary fiction, irrespective of the quality of the writing. Genre expectations can also affect the way readers perceive a book. If a reader picks up a mystery novel expecting a twisty plot and a satisfying resolution, he or she may be disappointed if the book turns out to be more character-focused or lacks a conclusive ending. In conclusion, without a firm grasp on literary genres, publishers and authors risk missing the boat in terms of reaching their intended readership.

24. It is understood from the passage that readers' expectations ----.

- A) gravitate towards character-driven narratives with twisty plots and conclusive endings
- B) can affect the decision to purchase a book as well as their overall satisfaction with it
- C) may be disregarded by publishers and authors if a genre is no longer popular or profitable
- D) remain consistent regardless of the quality writing of a book or marketing strategies
- E) are fixed and cannot be changed provided a book does not align with their tastes

25. Which of the following conclusions can be reached based on the passage?

- A) Genre labels are used as guides to help readers choose books matching their preferences.
- B) Genre expectations have no influence on readers' decisions to purchase a book.
- C) Understanding literary genres is trivial when it comes to influencing readers' choice of books.
- D) Romance novels can also be marketed towards male audiences with sound strategies.
- E) The quality of writing is the most important factor in determining a book's success.

26. Which of the following is implied by the underlined sentence in the passage?

- A) The impact of genres on publishing books
- B) The role of genre in producing literary works
- C) Publishers' and authors' risk management
- D) The importance of genres in book marketing
- E) Readers' attitude towards specific genres

Answer the questions 27–29 according to the passage below.

In the 15th century, during the peak of the Ottoman Empire, İznik, a town situated near the Marmara Sea, became a centre for the production of high-quality ceramics and tiles. These tiles were characterised by their unique designs, often featuring a combination of nature-inspired floral motifs such as tulips and roses, geometric patterns, and stylised arabesques. Shades of cobalt blue, turquoise, green, and white were the main colours in the palette, derived from natural mineral pigments and fired at high temperatures to achieve their peculiar brilliance. Before İznik tiles were glazed, they underwent a process of underglaze decoration, where designs were painted onto the surface of the tiles using mineral-based pigments by craftspeople. İznik tiles have been widely used in the architectural decoration of Ottoman mosques and palaces to create decorative panels and intricate wall coverings. The Blue Mosque, for instance, showcases a striking array of blue and white İznik tiles, creating an atmosphere of dignity and beauty. The Topkapı Palace and the tomb of Süleyman the Magnificent are also known for their extensive use of İznik tiles. Even after hundreds of years, the intricate designs and colour combinations of these marvellous tiles continue to be a source of inspiration for contemporary designers and decorators.

27. Which of the following is true according to the passage?

- A) To give the colours their shades, natural mineral pigments were added before firing the tiles at high temperatures.
- B) Ottoman architecture basically relied on İznik tiles to create decorative items like interior panels and coverings.
- C) Under the influence of İznik tiles, contemporary craftspeople continue to use vibrant colours in their works of art.
- D) Unfortunately, there are only three buildings left which still stand as examples of high-quality ceramics and tiles.
- E) The combination of nature-inspired motifs and geometric patterns was a one-of-a-kind feature of marvellous İznik tiles.

28. According to the passage, the process of underglaze decoration is ----.

- A) painting intricate designs on the surface of tiles using pigments before glazing
- B) applying a mineral-based layer of glaze over the painted designs on the tiles
- C) the firing process used to achieve the vibrant colours of the tiles before painting
- D) the incorporation of minerals in the final glaze layer for added brilliance
- E) the use of high temperatures to achieve unique colour combinations on the tiles

29. It can be understood from the passage that İznik tiles ----.

- A) have primarily gained popularity as museum artefacts rather than functional design elements used in religious monuments and palaces
- B) serve as a testament to the temporary impact of the Ottoman Empire on global art with their intricate patterns and colour combinations
- C) have bridged the gap between historical craftsmanship and modern creativity, preserving their inspirational significance for designers of our day
- D) lost their appeal and widespread popularity over time and are now solely valued for their historical significance due to changing design trends
- E) have been extensively replicated by contemporary designers and decorators, leading to a decline in their uniqueness and popularity

Answer the questions 30–32 according to the passage below.

Surrealism was a unique movement that emerged in Europe during the early 20th century in response to the trauma of World War I and spread globally in the 1930s and 1940s. In contrast to other artistic movements, surrealists rejected the idea that art and literature should solely depict reality; instead, they focused on exploring the depths of the human psyche and the unpredictable and fantastic aspects of life. Inspired by Sigmund Freud's theories on dreams and the mind, surrealists believed that accessing the subconscious mind was the key to creating exceptional artwork. Prominent surrealist artists, such as Salvador Dalí, René Magritte, and Max Ernst, predominantly portrayed distorted figures, puzzling images, and familiar objects placed in unreal settings in their artistic compositions. They aimed to evoke a sense of discomfort and urge viewers to assess their own perceptions of reality. Surrealism also had a profound impact on literature with writers including André Breton and Paul Éluard. These authors used language to generate poetic and enigmatic narratives that effectively mirrored the dreamlike nature of surrealistic artworks. Through automatic writing, where thoughts are allowed to flow freely without conscious control, they sought to capture the essence of the unconscious mind and blur the lines between reality and imagination.

30. Which of the following is true according to the passage?

- A) The influence of surrealism as an art movement was primarily confined to Europe and did not have a widespread global impact.
- B) The population decline caused by World War I significantly reduced the number of individuals involved in artistic pursuits.
- C) The impact of the surrealism movement faded during the 1930s and 1940s, making way for the emergence of other art movements.
- D) Surrealism distinguishes itself from other art movements through its focus on exploring the human soul and the enigmatic nature of life.
- E) The surrealism movement directed its attention towards portraying the effect of war on humanity and society in a realistic manner.

31. According to the passage, surrealist artists incorporate distorted figures and puzzling images into their creations to ----.

- A) generate curiosity and inspire individuals to explore their own perception of reality
- B) enhance the recognition of the beauty and enigma of the natural world
- C) allow viewers to uncover the harmony, simplicity, and pure reality within the artwork
- D) foster a shared sense of reality and comprehension among viewers
- E) make art accessible to the masses rather than exclusively to the elite

32. Which of the following is not true about surrealist literature?

- A) Surrealist writers effectively employed linguistic techniques in order to create lyrical and mysterious stories.
- B) The influence of the surrealism movement can be seen in the field of literature as well as in the visual arts.
- C) Literary texts associated with surrealism proved inadequate in reflecting the qualities found in artworks.
- D) Authors explored the subconscious by combining elements of reality and imagination in their works.
- E) Surrealists aimed to access the subconscious mind by mixing up the elements of the real and imaginary worlds.

For the questions 33–36, choose the best option to complete the missing part of the passage.

33. Numerous film-makers have contributed tremendously to the advancement of cinema, but none have had as much influence as Charlie Chaplin. After starting as a stage performer, Chaplin turned his attention to film-making during the silent era, successfully becoming one of the first film stars in cinematic history. ---- The man in a tiny jacket with his moustache, cane, and hat became a classic character that is still remembered today. Frequently known for his work in front of the camera, Chaplin made pivotal contributions to the developing art of silent film as a director, cinematographer, and even composer.

- A) Due to his extraordinary talent, his contributions to film go beyond his performances as a comedic actor.
- B) He created distinct signature characters in silent films that made him memorable in the coming years.
- C) The special thing about him is that he incorporated tragedy and real-life issues into his comedies.
- D) He made his first film in 1914, and later that year, he created his iconic character, the Tramp.
- E) His films were able to deal with real issues through classical characters that made people laugh.

34. The evolution of literary genres is a fascinating reflection of the changes in society and culture over time. ---- For example, the rise of the Gothic novel in the late 18th century reflected the anxieties of a society undergoing industrialisation and urbanisation. Likewise, the recent popularity of the dystopian genre can be attributed to our collective fears of political instability and environmental chaos. As the world changes and readers' interests and concerns shift, genres will continue to evolve and adapt to capture the spirit of their times.

- A) The success of a literary genre can be influenced by factors beyond the author's control, like cultural trends and reader preferences.
- B) The definition and classification of literary genres can vary depending on cultural and historical contexts.
- C) Because certain genres provide comfort, escapism, or intellectual stimulation, people often turn to them during times of stress or boredom.
- D) We can see how writers respond to the pressing issues of their era, with new genres emerging and old ones fading.
- E) The study of literary genres can reveal insights into the psychological and emotional needs of the reader.

35. *The Tortoise Trainer* is a renowned painting created by Osman Hamdi Bey in the late 19th century. This masterpiece showcases his skilful blend of traditional Ottoman imagery with Western academic techniques. ---- It is believed to symbolise the notion of bringing order to the natural world, which reflects the artist's fascination with both art and science. Osman Hamdi Bey's innovative approach is highlighted by the painting's composition, rich colours, and fine details, earning it a special place in Turkish art history.

- A) It is currently housed in the Pera Museum in İstanbul and continues to inspire viewers with its unique artistic prowess.
- B) The painting portrays an Ottoman man surrounded by a group of tortoises, seemingly engaged in a musical performance.
- C) Besides his artistic pursuits, he was a cultural visionary, advocating for the preservation of Türkiye's archaeological heritage.
- D) He played a crucial role in establishing the İstanbul Archaeological Museum, where he served as its first director.
- E) Osman Hamdi Bey fused Western techniques with Turkish themes, pioneering a unique style in Ottoman art.

36. The Independent Group, comprising young artists, writers, and critics, is regarded as the predecessor of the Pop Art movement in Britain during the 1950s. Their goal was to challenge the prevailing modernist culture, critique mass production and consumerism, and promote a more inclusive art style, incorporating elements of popular culture. Rather than following traditional methods, Pop Art artists drew inspiration from Hollywood, pop music, advertising, and comics. ---- Despite criticism by modernist critics, Pop Art brought innovative ways of presenting art and was seen as an early form of postmodernism.

- A) Several celebrated Pop Art artists started their careers in commercial art, such as Andy Warhol, who found success as a graphic designer.
- B) They integrated these well-known symbols, images, and everyday objects into their artwork using techniques like screen-printing and collage.
- C) However, in Britain, the movement approached American popular imagery and its impact on people's lives in a more intellectual manner.
- D) Nevertheless, Los Angeles artists have shifted their focus away from specific consumer goods, allowing Pop Art to go beyond mere imitation.
- E) Roy Lichtenstein, famous for his influential paintings of comic strip cartoons, was accused of directly copying the comics.

For the questions 37–40, choose the irrelevant sentence in the passage.

37. (I) Narratives told orally, visually, and emotionally on the stage are a form of performing art called storytelling. (II) To document the past of a society, disseminate information, and provide entertainment, it has been displayed throughout the world, though it is an old art form. (III) Through their voices and body language, storytellers bring their tales into existence, frequently enhancing their presentations with music, dancing, and other elements while drawing on literature, folklore, or personal experiences. (IV) Skilled storytellers are also adept at creating and manipulating rhythm, timing, and suspense to keep their audiences captivated and intrigued. (V) Storytelling can be presented in various forms, from traditional oral storytelling to contemporary storytelling events and performances.

A) I B) II C) III D) IV E) V

38. (I) Nasimi created a poetic language by mainly using Azerbaijani and Persian in his works written towards the end of the 14th century. (II) He was heavily influenced by Sufi philosophy, and his poetry often explored themes of love, spirituality, and the search for truth. (III) His unique style and contributions to Azerbaijani literature have made him a revered figure in Azerbaijani culture. (IV) 2019 was therefore declared the 'Year of Nasimi' in Azerbaijan to celebrate the 650th anniversary of this great poet's birth. (V) Nasimi wrote around 300 poems, including ghazals, qasidas, and rubais, which are still admired for their lyrical beauty and philosophical depth.

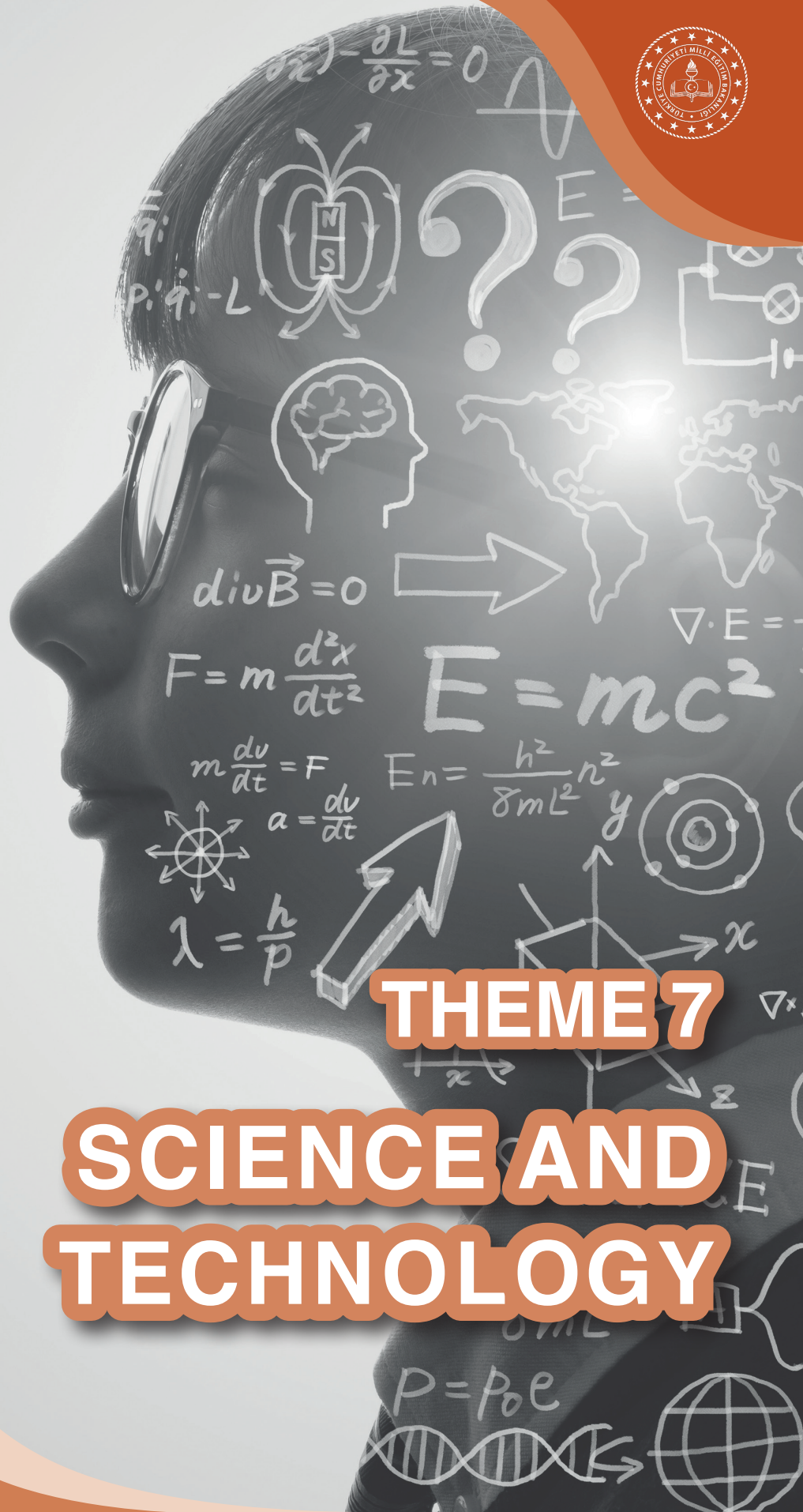
A) I B) II C) III D) IV E) V

39. (I) Marbling, known as Ebru, is a traditional Turkish art form with origins in pigment manipulation on water. (II) Traditional Ebru pigments are typically derived from natural sources, although modern practitioners may sometimes use synthetic ones as well. (III) Pigments are carefully dropped onto a water surface, which is mixed with a thickening agent, resulting in intricate and unpredictable patterns. (IV) Skilled artists use various tools to manipulate these pigments, creating symbolic and aesthetically rich compositions. (V) Brushes, combs, needles, and even the gentle force of their breath result in diverse patterns, from fluid and organic forms to more structured designs.

A) I B) II C) III D) IV E) V

40. (I) In 1920, numerous African Americans migrated to the North for better jobs and relief from the discrimination imposed by Jim Crow laws. (II) The Harlem Renaissance, a cultural movement in the Harlem neighbourhood of New York City, was an era of artistic and intellectual achievements for African Americans. (III) It aimed to reject traditional American literary norms and establish a unique writing style that reflected their cultural identity. (IV) Notable figures, such as Langston Hughes and Duke Ellington, emerged during this period, contributing to the flourishing of creativity in literature and music. (V) Hughes' first poetry collection, *The Weary Blues*, stood out during this period for its skilful integration of jazz and blues elements into traditional poetry.

A) I B) II C) III D) IV E) V



THEME 7

SCIENCE AND TECHNOLOGY

Tiny Tech, Big Impact

Nanotechnology is a discipline of science and engineering that focuses on designing, producing, and using extremely small devices and structures by **manipulating** atoms and molecules at the nanoscale. The dimensions of the materials and structures are **shrunk** to approximately 100 nanometres or less—one nanometre is equal to one billionth of a metre. From health, agriculture, and electronic devices to computer science and many other fields, nanotechnology is **thoroughly** involved in many scientific and practical applications. The primary purpose for utilising this technology in multiple industries is to create a new range of products constructed with new materials and chemicals and to **change over** existing pieces of equipment to their more efficient and advanced versions with enhanced levels of performance. In short, nanotechnology provides materials and devices with **distinctive** properties and functions, such as increased lightness, durability, and resilience. Some of its applications include particles designed to target disease-causing cells, **speedier** microprocessors with lower energy consumption, batteries with extended lifespans, and solar panels capable of generating twice the energy. Regarding the examples in our daily lives, nanomaterials have also been **adequately** employed in a variety of electronic items, including smartphones, laptops, computers, and televisions. Nanomaterials contribute to improving the electrical and thermal **conductivity**, strength, and durability of these devices as well. The use of nanoparticles in electrical equipment can also help **cut down** on overall device size and weight. Additionally, some cosmetics, like creams and moisturisers, consist of nanoparticles that can help boost product **texture** and appearance.

a Match the highlighted words and phrases in the passage to the definitions below.

1. _____: moving or working very quickly
2. _____: to reduce the size, amount, or number of something
3. _____: having a quality or characteristic that makes something different and easily noticed
4. _____: the way a substance or piece of cloth feels when you touch it, how rough, smooth, hard or soft it is
5. _____: in a way that is enough in quantity or good enough in quality, for a particular purpose or need
6. _____: to become or to make something smaller in size or amount
7. _____: in a comprehensive manner, leaving no part or detail unexamined or unfinished
8. _____: to control, use, or change something with skill
9. _____: the quality of being able to allow the transmission of electricity, heat, etc.
10. _____: to transition or shift from one system or position to another

b Circle the correct option that cannot be the synonym of the underlined words and phrases in the sentences.

1. Nanotechnology has become increasingly integrated into the textile manufacturing sector with the passing of time on account of its distinctive and desirable features.
A) unique B) customary C) peculiar D) exclusive E) characteristic
2. Richard Feynman, a physicist who described the process by which molecules and atoms can be manipulated and controlled, pioneered the notion and ideas for nanotech.
A) operated B) exploited C) influenced D) conducted E) distinguished
3. The traditional methods of resizing and restoring products, due to their high cost and challenging manufacturing characteristics, have been significantly changed over to nanotechnological innovations.
A) altered B) transitioned C) jumped D) comprehended E) shifted
4. Nanoparticles are being developed to remove industrial water contaminants from groundwater through chemical processes that render the pollutants thoroughly harmless.
A) entirely B) comprehensively C) inadequately D) scrupulously E) exhaustively
5. The texture of these paper towels is velvety and smooth thanks to the nanoparticles that make them very pleasant to touch.
A) fabric B) surface C) grain D) fibre E) ingredient

c Read the passage and choose the correct answer for the questions below.

1. What can be inferred about nanotechnology?

- A) Its greatest achievement is to create tiny materials for electronic devices like smartphones, laptops, and computers.
- B) A breakthrough technology modifies objects in size and weight and enhances their functions with the help of other scientific disciplines.
- C) It helps produce customised materials with specific properties at the nanoscale, increasing strength and performance.
- D) It manipulates nanoparticles that can be easily incorporated into a wide range of products and processes on a larger scale.
- E) This ascendant technology helps materials exhibit properties that can be harnessed for various applications for a short time.

2. According to the passage, the purpose of using nanotechnology in multiple industries is to ----.

- A) enhance the conductivity, strength, and durability of the materials that can extend the lifespan of the new devices
- B) produce new materials and devices with unique properties and performances without altering their existing appearance
- C) utilise extremely small devices and structures by changing the molecular structures of their characteristics to create more space
- D) reduce the dimensions of the materials in order to control and take advantage of the next industrial revolution
- E) fabricate novel products formulated with new substances and chemicals and substitute available materials that function better

3. Which of the following is true according to the passage?

- A) Creams and moisturisers contain nanoparticles that can improve the product's smoothness and look.
- B) Many nanotechnology applications still need to be developed more so as to consume less energy.
- C) The incorporation of nanoparticles into electrical equipment can reduce overall gadget size and weight a bit.
- D) Compared to its performance in daily life, nanotechnology yields more effective results in other scientific fields.
- E) More advanced and faster electronic equipment will become increasingly prevalent in the coming years.

d Choose the best word or expression to fill the spaces in the passage.

Nanotechnology has the potential to make electronic devices light and portable (1)---- its being unimaginable to think of laptops, mobiles, and smartphones as thin as they are today. As of 1959, Feynman and Drexler's work has (2)---- encouraged scientists to create revolutionary nanocomputers capable of achieving large-scale benefits. They (3)---- for a long time to build such improved forms of computer-based technologies that require a minimum of space for optimal performance. Silicon tubes, in particular, have been slowly substituted (4)---- nanotubes, enabling significant advancements and efficiency in computing technology. (5)----, lab-on-a-chip technology and memory chips are being developed at nanoscales to reduce storage space while increasing storage volume within a small, flexible, and easily workable chip in computers for use in many other industries.

1.

- A) by means of B) except for
- C) due to D) despite
- E) as opposed to

2.

- A) subsequently B) remarkably
- C) adversely D) relatively
- E) arbitrarily

3.

- A) would work B) used to work
- C) worked D) would have worked
- E) have been working

4.

- A) of B) about
- C) in D) on
- E) with

5.

- A) Instead B) Nevertheless
- C) Accordingly D) Similarly
- E) On the contrary

From Clay to Code: Translating the Tablets of Ancient Mesopotamia

The history of ancient Mesopotamia is captured in clay tablets **inscribed** in cuneiform, documenting its political, social, economic, and scientific aspects. However, these records remain **substantially** untranslated owing to their large number and the scarcity of qualified experts who can **crack the code**. To eliminate these **hindrances**, a team of Assyriologists, historians of the ancient Near East, **did their utmost** to develop a machine-learning model. They created two versions: one using the Latin script representation of cuneiform signs and the other using the digital representation of characters. Based on the study results, the former **delivered** more satisfactory outcomes, achieving a score of 37.47 in BLEU4, an algorithm that **meticulously** assesses the similarity level between machine and human translations. The program works best for sentences with 118 characters or fewer. In some sentences, it produced 'hallucinations'—**output** that was grammatically correct but **stood in need of** accuracy. The developers state the program's translations can be utilised as **preliminary** text analysis. They suggest integrating machine translation as part of a human-machine collaboration strategy where scholars can edit and **polish up** the model's output. The team **came to the conclusion** that translation is a fundamental activity with a long history dating from the inception of writing, **calling for** expertise in two languages and cultures. Despite the growing accessibility of digital translation tools, ancient languages remain challenging due to the need to understand long-dead linguistic communities and often **fragmentary**, incomplete texts. Advances in optical character recognition and machine translation have improved, but challenges **hang in the air**.

a Match the highlighted words and phrases in the passage to the definitions below.

1. _____: information or images that are produced by a computer, machine, or printer
2. _____: to achieve or produce something that has been promised
3. _____: made of small parts that are not connected or whole
4. _____: preceding or done in preparation for something fuller or more important
5. _____: something that delays or prevents progress by making a situation difficult
6. _____: to write or carve words or symbols on something, especially as a formal or permanent record
7. _____: to work on improving something
8. _____: by a large amount or degree; very much
9. _____: in a way that shows great attention to every detail
10. _____: to need or deserve a particular action, remark, or quality

b Replace the words or phrases in bold with one of the underlined phrases in the passage. Change the form if necessary.

1. As a result of long-term research, a team of scientists has **deduced** that machine-learning algorithms can help identify anomalies and patterns in large data sets more efficiently than traditional statistical methods.

2. While artificial intelligence has made significant progress in recent years, it still **lacks** the ability to replicate human creativity and imagination.

3. The decision-making processes of artificial intelligence algorithms are sometimes difficult to **decipher** even for their creators, which is known as the 'black box' problem.

4. Despite significant advancements in the field, several ethical and technical challenges surrounding the explainability and bias of artificial intelligence models **remain unsolved**.

5. Robotics engineers **try hard** to design and program robots with advanced artificial intelligence and machine learning algorithms that enable performing complex tasks with precision and accuracy.

c Read the passage and choose the correct answer for the questions below.

1. What is the problem regarding the clay tablets?

- A) They are written in a script that is yet to be deciphered, making translation impossible for historians of the ancient Near East.
- B) The machine-learning model developed was ineffective in assessing the similarity level between machines and humans.
- C) They are mostly untranslated because of their huge quantity and the lack of skilled professionals who can decipher them.
- D) They have been successfully translated, but the translations are incomplete and require further refinement and editing by experts.
- E) The number of characters in most of the sentences is more than 118, which is the limit for the machine-learning model.

2. It is pointed out in the passage that computer translation techniques are becoming more widely available, but ----.

- A) ancient languages remain challenging, as they require the comprehension of extinct linguistic groups and often incomplete documents
- B) the current translation models for ancient languages are not as accurate or reliable as those developed for modern languages
- C) the machine-learning model developed by the Assyriologists cannot fully translate all aspects of ancient Mesopotamian texts accurately
- D) the program's 'hallucinations' indicate that it struggles with producing both grammatically correct and factually accurate translations
- E) there is a lack of funding and resources dedicated to the development of machine translation tools for ancient languages

3. Which of the following questions is mainly answered by the passage?

- A) Why do machine-learning model developers prefer the Latin script representation?
- B) What are the challenges in translating ancient Mesopotamian clay tablets inscribed in cuneiform?
- C) What is the ideal sentence length for a machine-learning model to get optimal results?
- D) How did a team of Assyriologists develop a machine-learning model for translating cuneiform?
- E) Why is the score achieved by a machine-learning model in BLEU4 important?

d Choose the best option to complete the missing part of the passage.

Artificial intelligence (AI) has revolutionised the e-commerce industry with numerous applications. One of the most significant of them is personalised shopping. By analysing customers' browsing history, preferences, and interests, AI creates recommendation engines that improve customer engagement and loyalty towards a brand. Additionally, AI-powered virtual assistants and chatbots enhance the online shopping experience by providing real-time assistance to customers. These assistants use natural language processing to make conversations sound human. ---- With AI, the e-commerce industry can optimise user experience, improve customer engagement, and reduce deceptive practices.

- A) E-commerce businesses that invest in AI benefit from automated systems that can perform tasks faster and more accurately than humans.
- B) Moreover, AI allows retailers to reduce their carbon footprint by optimising their supply chain operations so they can improve energy efficiency.
- C) Despite the advantages of AI-powered chatbots in optimising the customer experience, some users still prefer to interact with human agents.
- D) AI can also help prevent credit card fraud by analysing usage patterns and identify fake reviews, thereby improving the credibility of online reviews.
- E) AI-powered visual search engines can assist customers in finding products by simply uploading an image as well.

e Choose the irrelevant sentence in the passage.

(I) Robotics is a field of study and engineering that involves the design, construction, and operation of robots. (II) These are machines programmed to execute various tasks autonomously or under human control. (III) The field of robotics is constantly evolving, with new developments in areas such as AI, machine learning, and computer vision, and it has many applications in industries, including manufacturing, healthcare, and space exploration. (IV) Robots may also raise ethical concerns regarding their use in society in that they could potentially lead to job displacement. (V) As robots continue to advance and become more capable, they hold the key to considerably changing the way we live and work, making our lives easier, safer, and more efficient.

- A) I B) II C) III D) IV E) V

A Giant Leap for Mankind

The space race, a pivotal chapter in the history of space exploration, was a **fierce** ⁽¹⁾ competition between the United States and the Soviet Union that unfolded against the backdrop of the Cold War. It **kicked off** ⁽²⁾ with the launch of *Sputnik 1* by the Soviets on October 4, 1957. It was a basketball-sized satellite that ignited a race to demonstrate technological and ideological **supremacy**.⁽³⁾ Subsequently, Yuri Gagarin's historic orbital flight in *Vostok 1* in 1961 **firmly** ⁽⁴⁾ established Soviet dominance in space, positioning them as pioneers in human spaceflight. In response, the US initiated the *Apollo* programme, a **bold** ⁽⁵⁾ endeavour to land astronauts on the Moon and bring them back home safely. The programme reached its **culmination** ⁽⁶⁾ with the *Apollo 11* mission, marked by Neil Armstrong's iconic words as he set foot on the lunar surface in 1969: "That's one small step for man; one giant leap for mankind." However, the space race was not **solely** ⁽⁷⁾ about planting flags and footprints on the Moon. It also brought about significant advancements in science and technology, thereby **fostering** ⁽⁸⁾ innovations in rocketry and satellite technology, which are closely associated with economic and industrial growth. The rapid pace of space exploration also **stimulated** ⁽⁹⁾ investments in education to cultivate a generation of scientists and engineers, leading to many remarkable scientific achievements. The space race unintentionally **ended up** ⁽¹⁰⁾ being an era defined by daring astronauts and visionary scientists who pushed the boundaries of what was once considered 'impossible'.

a Choose the synonyms of the highlighted and numbered words and phrases in the passage.

- | | | | |
|-------------------|----------------|--------------|----------------|
| 1. A intense | B moderate | C cautious | D pleasant |
| 2. A conclude | B feature | C evolve | D start |
| 3. A inferiority | B weakness | C dominance | D mercy |
| 4. A indefinitely | B solidly | C flexibly | D indecisively |
| 5. A timid | B brave | C ridiculous | D restless |
| 6. A climax | B base | C intention | D tuition |
| 7. A partially | B incompletely | C merely | D diversely |
| 8. A hinder | B neglect | C prevail | D promote |
| 9. A fascinate | B trigger | C negotiate | D protect |
| 10. A terminate | B originate | C evaluate | D reveal |

b Complete the following table with the correct forms of the words.

verb	noun	adjective	adverb
X		fierce	
X	supremacy		
			firmly
X		bold	
	culmination	X	X
X			solely
foster			X
stimulate			X

c Read the passage and choose the correct answer for the questions below.

1. According to the passage, the space race ----.

- A) began with the launch of *Sputnik 1* by the Soviets in 1957 and led to significant advancements in science
- B) was a period of intense rivalry between the United States and the Soviet Union during the Cold War
- C) resulted in Soviet dominance in space after Yuri Gagarin's historic orbital flight to the Moon in 1961
- D) focused on the economic growth of the nations involved, with limited emphasis on scientific achievements
- E) was a peaceful era of international cooperation, with scientists working harmoniously to explore space

2. Which of the following is true according to the passage?

- A) The space race primarily served as a catalyst for rapid industrialisation in the United States and the Soviet Union.
- B) Significant advancements in science and technology contributed to long-term global cooperation in space exploration.
- C) Political tensions during the Cold War were heightened by the space race, but it had limited scientific implications.
- D) The *Apollo* programme was solely a competition for ideological and technological supremacy, with no benefits to society.
- E) People used to believe that space travel was impossible for humankind due to the lack of major innovations in rocketry.

3. One can understand from the passage that ----.

- A) the *Apollo* programme was mainly about lunar exploration and overshadowed other scientific pursuits
- B) daring astronauts and visionary scientists focused only on the economic and industrial growth of their nations
- C) all of the projects were primarily interested in raising their national flags and leaving footprints on the Moon
- D) the space race unexpectedly led to substantial advancements in various fields and a renewed focus on education
- E) the history of space travel began with a basketball-sized satellite but ended with broader scientific achievements

d Choose the best word or expression to fill the spaces in the passage.

The history of astronomy (1)---- thousands of years ago, with ancient civilisations like the Babylonians and Egyptians making observations for various practical purposes, including timekeeping and agriculture. The ancient Greeks developed geocentric models of the universe, which (2)---- that the Earth was the centre of the cosmos. (3)----, this was challenged in the 16th century by Copernicus, who introduced the heliocentric model and placed the Sun at the centre. The Renaissance era witnessed the refinement of telescopes. Astronomers like Galileo Galilei made groundbreaking observations, including Jupiter's moons and the phases of Venus, which supported the heliocentric theory. (4)---- Johannes Kepler's laws of planetary motion, Isaac Newton's work on gravity provided a fundamental framework for understanding celestial mechanics. Today, astronomy continues to push boundaries (5)---- advancements like Edwin Hubble's discovery of the expanding universe and the development of space telescopes, uncovering mysteries such as black holes and exoplanets.

1.

- A) would begin B) has begun
- C) had begun D) was beginning
- E) began

2.

- A) isolated B) divided
- C) proposed D) disclosed
- E) wired

3.

- A) However B) Therefore
- C) In addition D) Instead
- E) For instance

4.

- A) Owing to B) On behalf of
- C) By means of D) Except for
- E) Along with

5.

- A) upon B) through
- C) into D) from
- E) against

A Novel Approach to Improve Vaccination Rates: MAPs

Immunisation helps protect children from diseases like diphtheria, tetanus, and measles, saving around four million lives **annually**. Nonetheless, recent outbreaks of measles and the resurgence of polioviruses have shown the importance of maintaining high vaccination coverage to **eradicate** these diseases. Unfortunately, global immunisation coverage has either **plateaued** or even declined for various reasons. One significant factor is that the world **fell behind** on vaccinations during the COVID-19 pandemic, compromising previous progress in immunisation services. To eliminate transmission and prevent **outbreaks**, it is crucial that at least 90–95% of children be vaccinated. Therefore, countries must **step up** their efforts to address the historic decline in immunisation rates. Limited access to immunisation services in low-income countries and conflict-affected regions is also a contributing factor. Furthermore, existing vaccines face obstacles when reaching remote areas due to the need for cold storage and trained personnel, which is particularly problematic in **unstable** environments and harsh climates. Moreover, the use of needles and syringes can cause discomfort and pain, leading to vaccine **hesitancy**. However, thanks to advancements, there is a **promising** solution available that has the potential to greatly enhance global immunisation coverage: vaccine-containing microarray patches (MAPs). These small patches are equipped with microneedles that painlessly penetrate the skin or a formula that dissolves upon contact with the skin. They serve as a convenient alternative to traditional injection methods, enabling carers to **dexterously** administer vaccines in any setting without the need for needles, syringes, or cold storage.

a Match the highlighted words and phrases in the passage to the definitions below.

1. _____: the sudden start of something unpleasant, especially violence or a disease
2. _____: showing signs of being successful or good in the future
3. _____: in a way that shows skill, especially with one's hands
4. _____: to increase the amount, speed, etc. of something
5. _____: once a year; each year
6. _____: the state or quality of being slow or uncertain in doing or saying something
7. _____: to stay at a steady level after a period of growth or progress
8. _____: not firmly fixed or steady, likely to change or become uncertain
9. _____: to destroy or get rid of something completely, especially something bad
10. _____: to fail to keep level with somebody or something

b Complete the sentences with the correct forms of the words given below.

annually

dexterously

eradicate

hesitancy

promising

unstable

1. If an ecosystem can return to its normal state after a disturbance or does not undergo significant and unexpected changes over time, it is considered to have ecological _____.
2. Scientists were initially _____ about the idea that DNA could carry genetic information, but they soon became convinced after a series of groundbreaking experiments.
3. Researchers are eagerly anticipating the _____ conference, as it allows them to disseminate their latest findings in the realm of pure sciences.
4. The _____ use of advanced imaging techniques by biologists has resulted in important findings, such as the detailed exploration of cellular structures and mechanisms.
5. Recent progress in genetics research shows great _____ for comprehending the underlying genetic mechanisms of various diseases and the potential development of innovative treatments.
6. Recent advances in biochemistry offer hope for the eventual _____ of certain diseases that have afflicted the human population for extended periods of time.

c Read the passage and choose the correct answer for the questions below.

1. How did the COVID-19 pandemic affect vaccination coverage?

- A) It led to a significant increase in vaccinations, resulting in the highest vaccination rate ever documented.
- B) It initially caused a slowdown in immunisation levels on a global scale, but later they rapidly increased.
- C) It has facilitated the progress of immunisation services that were already in progress.
- D) It has not shown any clear positive or negative effects on the worldwide extent of immunisation.
- E) It jeopardised the previous gains achieved in delivering immunisation services globally.

2. One can understand from the passage that ----.

- A) countries should prioritise administering at least one vaccine dose to mitigate the decline in immunisation rates
- B) immunisation is solely intended for children, aiming to protect them against numerous severe illnesses
- C) if the vaccination rate falls below 90%, there will be a potential for the rapid transmission of infectious diseases
- D) microarray patches should be applied by trained personnel, as they are equipped with microneedles
- E) a potential downside of microarray patches is the challenge of accessing remote regions and low-income countries

3. What is the primary purpose of the author?

- A) To emphasise the significance of trained personnel in the administration of vaccines
- B) To explain how the COVID-19 pandemic affected childhood vaccination rates globally
- C) To convince readers that MAPs could be the most effective method for improving immunisation rates
- D) To provide the reader with information on how childhood vaccines play a vital role in saving lives
- E) To warn readers about the negative outcomes of recent measles outbreaks and the return of polioviruses

d Choose the best option to complete the missing part of the passage.

Scientists have traditionally relied on animal models to understand embryonic development in humans. However, the advent of organoids, tiny versions of human tissues derived from stem cells, has provided researchers with a novel tool. ---- By creating the right environment for stem cells to self-organise, scientists have successfully generated organoids that resemble various organs such as the brain, kidney, lung, intestine, stomach, and liver. This technological breakthrough has the potential to revolutionise the field of pharmaceutical discovery and personalised medicine, as it enables a detailed understanding of organ formation, diseases, and the interaction of medications with these mini organs.

- A) Another limitation of animal testing lies in the presumption that humans can be regarded as merely enlarged versions of rats, mice, or rabbits used for experimental purposes.
- B) Scientists have already used organoids derived from individuals with autism to demonstrate abnormalities in the regulation of genes related to cell growth.
- C) The bioscience community agrees that the utilisation of animals in research should only be conducted in accordance with ethical guidelines.
- D) Organoids can mimic the intricate nature of organs and can be experimentally manipulated to concentrate on particular cell types.
- E) Nevertheless, once organoids reach a particular stage of their lifespan, they lose their ability to undergo further cellular division and face challenges in achieving full maturation.

e Choose the irrelevant sentence in the passage.

(I) Sodium-ion batteries are gaining popularity as a substitute for their lithium-ion counterparts because they use sodium ions as the charge carrier. (II) This makes sodium-ion batteries more environmentally friendly and cost-effective, as sodium can be extracted from seawater, eliminating the harmful effects of mining. (III) Additionally, these batteries are safer and less prone to causing fires or explosions. (IV) However, lithium-ion batteries are preferred for powering electric vehicles since they have a higher electrical capacity. (V) Moreover, unlike lithium-ion batteries, sodium-ion batteries can perform well at temperatures as low as -20°C without a notable loss in capacity.

- A) I B) II C) III D) IV E) V

For the questions 1–10, choose the best word or expression to fill the space.

1. A ---- study involves repeating a scientific study's procedure with slight variable changes to observe if prior findings repeat in similar conditions.
A) supremacy B) hindrance
C) recommendation D) replication
E) hesitancy
2. In July 2023, a suspected triple ---- of gastroenteritis with typhoid fever, shigella infection, and cholera was declared; however, WHO assesses the global risk as low.
A) reliability B) outbreak
C) exploration D) maturation
E) conductivity
3. Applied sciences take a scientific approach to nature, whereas pure sciences are more ---- and focus on uncovering the secrets of nature through laboratory work.
A) promising B) cultivated
C) daring D) hesitant
E) experimental
4. Machine learning allows robots to become more ----, intelligent, and flexible in their work, from residential robots like vacuum cleaners to industrial production robots.
A) preliminary B) fierce
C) portable D) incomplete
E) meticulous
5. Artificial intelligence and robotics in agriculture are used to ensure that each plant ---- gets the optimal level of sunshine, water, and nutrients required for it to grow to its full potential.
A) pivotally B) traditionally
C) substantially D) dexterously
E) restlessly
6. People ---- trained in computer science can find employment opportunities throughout modern industries, as technology continues to play a crucial role in various sectors.
A) adequately B) indecisively
C) conveniently D) annually
E) eventually
7. Space companies have ---- in small satellites, well-suited for exclusive wireless communications networks and monitoring of the Earth using GPS.
A) manipulated B) overshadowed
C) culminated D) eradicated
E) inscribed
8. Computers can ---- complex tasks with remarkable speed and precision, which makes them invaluable tools in a variety of industries.
A) stimulate B) penetrate
C) uncover D) execute
E) undergo
9. Cars with nanotechnology have shown lower failure and enhanced self-repairing properties; hence, the automotive sector is ---- conventional procedures to advanced nanomanufacturing.
A) resulting in B) changing over
C) cutting down D) polishing up
E) carrying out
10. Space companies have ---- developing reusable launchers that help them save money, cut waste, and make space exploration more affordable because rockets are very costly to develop and build.
A) put forward B) ended up
C) fallen behind D) called for
E) kicked off

For the questions 11–15, choose the best word or expression to fill the spaces in the passage.

The Hubble Space Telescope (HST) is one of the most iconic and influential astronomical instruments ever created. Launched into low Earth orbit by the *Space Shuttle Discovery* in 1990, the HST (11)---- valuable insights into the universe since then. With its 2.4-metre-diameter mirror and a suite of scientific instruments, this telescope has observed distant galaxies, nebulae, stars, and planets, capturing breathtaking images that have deepened our understanding (12)---- the cosmos. Hubble's observations have helped (13)---- the age of the universe and refine the measurements of its expansion rate. (14)----, it has studied exoplanets, identified the composition of distant atmospheres, and examined the life cycle of stars. Even after decades, Hubble remains a vital tool in contemporary astronomy (15)---- its continuing data transfer and discoveries for cosmic comprehension.

11.

- A) has provided B) would provide
C) had provided D) was providing
E) provided

12.

- A) by B) for
C) of D) from
E) in

13.

- A) suppress B) determine
C) disprove D) intricate
E) eliminate

14.

- A) Instead B) Furthermore
C) Therefore D) On the contrary
E) However

15.

- A) due to B) despite
C) as regards D) instead of
E) besides

For the questions 16–20, choose the best word or expression to fill the spaces in the passage.

(16)---- hydrogen as a fuel source for transportation is primarily because it can power vehicles with zero emissions, thanks to fuel cells. (17)----, fuel cells have the potential to be two to three times as efficient as a petrol-powered internal combustion engine. It is worth noting that hydrogen cars are considered electric cars since they are propelled by an electric motor. However, (18)---- battery-powered electric cars, hydrogen cars produce their own electricity rather than relying on an internal battery or an external power source. This is achieved through the use of an on-board fuel cell stack, which efficiently converts the chemical energy of the fuel (19)---- electrical energy. Fuel cells (20)---- a process called reverse electrolysis, where hydrogen from the vehicle's fuel tank reacts with oxygen from the surrounding air. Consequently, this chemical reaction generates solely electrical energy, heat, and water vapour without releasing any harmful pollutants.

16.

- A) Utilising B) Having utilised
C) Utilise D) Being utilised
E) Utilised

17.

- A) Nonetheless B) Instead
C) Moreover D) Even so
E) Therefore

18.

- A) such as B) in addition to
C) instead of D) similar to
E) unlike

19.

- A) with B) into
C) over D) against
E) at

20.

- A) pass down B) rely on
C) come across D) go through
E) take up

Answer the questions 21–23 according to the passage below.

Computers have been shrinking in size while rapidly becoming more efficient, offering many advances, like the modern conveniences enhancing the quality of life. However, when scientists and engineers encounter complex problems, classical computers or even supercomputers often fail to solve these obstacles. For instance, analysing the behaviour of each atom due to all different electrons interacting with one another within a molecule or detecting subtle signs of fraudulent activity in financial transactions is a challenging task for scientists. To tackle these problems that are too complicated for conventional computers, an incredibly intricate machine has emerged: the quantum computer. Quantum computing is a new area of computing that harnesses some special characteristics of quantum physics theory. The term 'quantum' is used to define the laws of physics, which are completely distinct from those encountered in our daily lives, that apply at the atomic levels, electrons, and elementary particles. Quantum computing manipulates and controls these principles to perform tasks and computations that are beyond the capabilities of current digital computers. Quantum computers, ultimately, have the potential to provide unprecedented computational power. For example, in 2019, one of the search engines suggested their quantum computer could carry out a calculation in approximately 200 seconds—a task that would take a classical supercomputer around 10,000 years to accomplish.

21. According to the passage, quantum computers have the potential to ----.

- A) eliminate some challenges scientists face while doing their computational research on scientific evidence
- B) achieve significant breakthroughs in many scientific disciplines and technologies in the foreseeable future
- C) control the capacities of classical digital computers and take their computational power to a high level
- D) analyse the behaviour of individual atoms in a molecule, which is the most common requirement of scientists
- E) utilise the laws of quantum mechanics to handle sophisticated challenges beyond the capabilities of classical computers

22. According to the passage, which of the following is true?

- A) When a traditional computer fails, it is never due to a high level of complexity and a large number of interacting variables.
- B) The more computer processing power increases, the smaller they become, much like the daily electronic gadgets we use.
- C) Quantum computing manipulates the physics principles that make use of the properties of matter and energy speed on a scale.
- D) Quantum computers are still in their early stages of research and are primarily experimental in today's scientific realm.
- E) One of the search engines claims that it is inevitable that powerful quantum computers can revolutionise various fields.

23. One of the search engines claimed that ----.

- A) existing computers have the capacity to store and search enormous volumes of data as rapidly as conventional computers
- B) their quantum computer executes tasks and computations very quickly, which regular computers cannot ever match
- C) quantum computers are based on physics principles and perform unsophisticated calculations in 200 seconds or so
- D) with the advancements in the coming years, the current and potential uses of quantum computers can change
- E) their new solutions to handling complicated calculations in certain areas have brought about quantum computing

Answer the questions 24–26 according to the passage below.

Artificial intelligence (AI) is rapidly gaining popularity as a powerful tool for game design, which offers numerous benefits, such as enhancing the player experience. One of its prominent applications in games is the creation of intelligent, human-like non-playing characters (NPCs) that interact with players. Additionally, it is utilised to generate intricate stories and scenarios in interactive narrative games by employing a highly advanced open-source text generation system. Another critical use of AI algorithms in games is balancing in-game complexity, achieved by predicting the future effects of gamers' actions and modelling factors such as weather and emotions. For instance, in the ultimate team mode of a renowned football game, the morale of a team is calculated based on the footballers' personality traits and can fluctuate between low and high in accordance with the events in the game. Furthermore, AI-driven NPCs could make games less predictable and more enjoyable to play against. Many gaming companies have already started working on AI-based NPCs and have found success in training them to imitate the behaviour of top players in games, which saves time and effort compared to manually coding their behaviour. As AI continues to evolve, it holds great potential to transform the gaming industry and provide limitless possibilities for creating immersive and realistic games.

24. According to the passage, one way AI is employed in the gaming industry is to ----.

- A) develop NPCs that simulate human-like behaviour and engage with players
- B) create unpredictable random events and challenges to keep players engaged
- C) train AI-based NPCs to imitate the behaviour of average players in games
- D) increase in-game complexity by ignoring factors such as weather and emotions
- E) generate intricate and realistic graphics and visual effects in games

25. Which of the following can be inferred from the passage about the morale of a team in a football game?

- A) The player's skill level is a key factor, and it has no connection to the footballers or in-game events.
- B) It is affected by the weather and has no correlation with the players' personalities or any other external factors.
- C) It is dynamic and subject to change based on in-game events and the personality traits of the footballers.
- D) It is solely determined by the decisions of the player controlling the team and does not involve AI algorithms.
- E) The gamer's previous performance in other games play an important role in determining it.

26. The advantage of using AI-based NPCs in gaming is that it ----.

- A) delivers visually appealing and realistic experiences, enhancing the game's overall visual quality
- B) ensures games are more predictable, potentially making them less enjoyable to play against
- C) intensifies the complexity and depth of the game, making it more challenging for players to win
- D) lacks emotional depth and cannot fully capture the intricacies of realistic human-like behaviour
- E) eliminates the need for time-consuming manual coding, resulting in significant time and effort savings

Answer the questions 27–29 according to the passage below.

Black holes are mysterious cosmic objects formed from the remnants of massive stars or through other means. They have such strong gravitational fields that nothing, not even light, can escape their gravitational pull once it crosses a boundary known as the event horizon. There are three primary types of black holes: stellar-mass black holes, formed from massive star collapses; intermediate-mass black holes, less common and with intermediate mass ranges; and supermassive black holes, residing at the centres of galaxies and ranging from millions to billions of solar masses. One of the most significant theoretical predictions about black holes is that they can emit a type of radiation due to quantum effects near the event horizon. Over extremely long timescales, this radiation can lead to the evaporation of black holes. Actually, black holes are not black; they are invisible, but their presence can be inferred by their gravitational effects on nearby objects. Astronomers detect them by observing the motion of nearby stars or gas, as well as by detecting X-rays emitted by matter falling into them. However, there are still a lot of paradoxes to be resolved, where the laws of physics break down and pose a significant challenge to theoretical physicists.

27. According to the passage, the primary factor that determines the type of black hole is the ----.

- A) formation of the event horizon
- B) amount of visible light emitted by it
- C) gravitational pull of nearby stars
- D) radiation leading to its evaporation
- E) mass of the collapsing star or object

28. It is pointed out in the passage that black holes are considered invisible because ----.

- A) they do not emit any form of light or radiation, making them impossible to detect
- B) their gravitation is not enough to make any noticeable changes in nearby objects
- C) they reflect light, and observing them is extremely difficult, even for proficient physicists
- D) their existence is inferred from the motion of nearby stars or gas and X-ray emissions
- E) they have such a strong gravitational pull that nothing, not even light, can escape from them

29. Which could be understood from the passage?

- A) Explaining black holes is an ongoing process which includes many unexplained paradoxes.
- B) The primary challenge in studying black holes is their unpredictable gravitational behaviour.
- C) As they are invisible, black holes can only be studied through the theoretical laws of physics.
- D) Black holes are well understood, and there is no significant development in their study.
- E) The size and mass of black holes vary independently, but they all have similar mass ranges.

Answer the questions 30–32 according to the passage below.

The global production of plastic has reached dangerous levels, exceeding 380 million tonnes annually. This is causing significant harm to the environment and marine life, as 8 million tonnes of plastic waste enter the oceans each year, resulting in a massive plastic debris patch in the Pacific Ocean seven times the size of Great Britain. In addition, it takes hundreds of years for plastics to decompose, and recycling them demands a significant amount of energy. Scientists have been diligently working to address this widespread issue. Fortunately, a major breakthrough occurred in 2001 when Japanese scientists discovered *Ideonella sakaiensis*, a type of bacteria capable of consuming various plastics and utilising the carbon content as a source of energy, at a rubbish dump. Extensive research has been carried out on these bacteria to comprehend their mechanisms and improve their efficiency. Furthermore, scientists have engineered enzymes, such as PETase and MHETase, derived from these bacteria for industrial purposes, which facilitate the degradation and recycling of plastic waste. Moreover, two of these enzymes have been combined to create a unique super-enzyme that expedites the breakdown process sixfold compared to previous techniques. These discoveries hold promise for a cleaner and more sustainable future, offering solutions to reduce plastic pollution.

30. One can understand from the passage that *Ideonella sakaiensis* ----.

- A) is being examined to explore potential solutions to plastic pollution in marine ecosystems as an aquatic bacterium
- B) can produce a variety of enzymes; however, researchers have successfully synthesised only two of them
- C) is regarded as a viable solution to plastic pollution, as it possesses enzymes that can break down plastic bottles
- D) could not survive under controlled laboratory conditions despite its ability to survive in waste disposal sites
- E) is an artificial bacterium that has been engineered in a laboratory by Japanese researchers using sophisticated techniques

31. Which of the following is true according to the passage?

- A) What sets the bacterium apart is its ability to consume plastics and use the carbon by-product as an energy source.
- B) The extensive accumulation of plastic waste in the Pacific Ocean is solely caused by the lack of action by coastal nations.
- C) Scientists have created two artificial enzymes, PETase and MHETase, mimicking those found in *Ideonella sakaiensis*.
- D) By combining PETase and MHETase, scientists have developed a powerful super-enzyme that boosts bacterial growth by six times.
- E) Scientists aim to boost bacterial populations in natural ecosystems due to their limited production of plastic-targeting enzymes.

32. The underlined word 'expedite' in the passage is closest in meaning to ----.

- A) cultivate
- B) illuminate
- C) dispatch
- D) accelerate
- E) outstretch

For the questions 33–36, choose the best option to complete the missing part of the passage.

33. With a wide range of popular brands, the global textile industry has been constantly on the rise. ---- In this context, nanotechnology has contributed to the quality of clothing by providing features such as water-repellent, self-cleaning capabilities, radiation and UV light protection, as well as flame and microbe resistance. In particular, new smart clothing markets are slowly expanding in international markets with advancements in textile production and financial standing. These advancements have firmly established the textile industry's sustainable structure and laid the foundations to meet customer supply and demand.

- A) Nanotechnology in the textile industry has attracted large corporations owing to the financial benefits associated with its use.
- B) The rivalry among them has thus increased drastically in terms of pricing, product texture, material quality, and market exposure.
- C) Some brands have taken over the market globally, and they make millions of dollars annually from the textile industry.
- D) Nanotoxicity, the release of nanomaterials during washing, and the overall environmental impact of nanotextiles are significant issues.
- E) Therefore, rivalry is increasing in the nanotextile industry quickly, which may sideline the conventional textile industry in the near future.

34. Prosthetics have undergone a revolutionary transformation thanks to robotics, with bionic arms being the most remarkable development for amputees. ---- With the help of tactile sensors, these mechanical marvels can detect pressure, temperature, and vibrations, providing feedback to the residual limb and enabling the amputee to experience sensations similar to those of a natural limb. Furthermore, electrodes implanted in the user's residual nerves allow for a more natural experience, which adds to the versatility of the bionic arms, making them suitable for performing everyday tasks with a wide range of motion.

- A) They have the potential to improve the quality of life of not only amputees but also people with certain neurological conditions.
- B) These prosthetic arms detect signals from muscles and nerves in the residual limb, which are translated into movements of the robotic arm.
- C) Their success relies heavily on proper training and support for users to ensure they can take full advantage of their capabilities.
- D) Advancements in prosthetics could lead to the creation of fully functional, robotic limbs that could surpass the capabilities of natural ones.
- E) The development of prosthetic limbs highlights the benefits of the integration of technology and medicine.

35. Astronomy played a crucial role in ancient Egyptian society and culture. For instance, the annual flooding of the Nile River was a vital event in the country, so they used astronomy to predict the timing of the flood, primarily by observing the star Sirius. They developed several different calendars, including a lunar calendar and a civil calendar. Furthermore, astronomy was closely tied to their religious beliefs. ---- Additionally, they employed celestial navigation techniques for travel, especially across the desert, where the positions of stars served as guides.

- A) These methods were essential for various aspects of daily life, including work schedules, religious ceremonies, and basic tasks.
- B) Archaeologists suggest that the Egyptians used simple astronomical instruments like sighting sticks and shadow clocks.
- C) The movements of celestial bodies therefore played a role in rituals and the construction of grand temples and pyramids.
- D) For example, the Great Pyramid of Giza is aligned with remarkable accuracy to the cardinal points of the compass.
- E) Astrologers interpreted the positions of stars to make predictions about individual lives and events influencing human destinies.

36. The Human Genome Project, carried out from 1990 to 2003, successfully sequenced the entire human genome and the genomes of other well-studied organisms, including the bacterium *E. coli*, yeast, fruit flies, roundworms, and mice. The main goal of the project was to accurately sequence the 3 billion nucleotide base pairs in the human genome, identify all human genes, and openly share the collected data. ---- The discovery of disease-associated genes allows for a better understanding of disease progression, the opportunity to develop treatments, and the ability to evaluate the risk of future diseases.

- A) Most medical conditions in humans, with the exception of physical injuries, stem from mutations in the structure and functionality of DNA.
- B) The consortium announced that they had successfully sequenced almost the entire human genome, with only a few gaps remaining.
- C) The collaboration of scientists from various countries was essential for successfully sequencing the human genome.
- D) However, improper use of genomic data can raise privacy concerns as it can be used to identify individuals personally.
- E) This project has provided scientists with crucial data for improving knowledge about human health and identifying genes associated with diseases.

For the questions 37–40, choose the irrelevant sentence in the passage.

37. (I) Nanotechnology has numerous applications in the food sector, including food production, packaging, safety precautions, smart diets, and advanced preservatives. (II) Owing to their excellent barrier qualities against environmental factors, nanomaterials such as polymer or clay nanocomposites have been used as packaging materials. (III) Similarly, nanoparticle combinations are utilised as antimicrobial agents to protect stored foods, particularly canned products, from rapid degradation caused by bacteria. (IV) The global dairy business is likewise undergoing a change because of the contributions of nanotechnology. (V) It should be noted, however, that most of these nanoparticles are not directly put into food products due to the potential toxic effects that come with such metallic nanoparticles.

A) I B) II C) III D) IV E) V

38. (I) The utilisation of AI in analysing medical images, involving complex algorithms to process and analyse medical images such as X-rays, MRIs, and CT scans, is gaining momentum. (II) With a surgeon's precision, these algorithms can quickly identify and highlight anomalies that may be difficult to detect with human eyes alone. (III) Furthermore, they can provide accurate measurements and analyses of diverse medical conditions. (IV) A medical imaging algorithm can have promising results yet may fail to replace the expertise and judgement of healthcare professionals. (V) This technology is instrumental in the timely detection and diagnosis of diseases, allowing for prompt medical interventions that have the potential to improve patient outcomes substantially.

A) I B) II C) III D) IV E) V

39. (I) The Babylonians made significant contributions to mathematics, and their cuneiform script was one of the earliest writing systems. (II) Babylonian astronomers were skilled at making detailed observations of the night sky. (III) They meticulously recorded the positions and movements of heavenly bodies, including stars, planets, and the Moon. (IV) These observations were primarily made for calendar-keeping, astrology, and predicting celestial events. (V) They compiled precise records of the Moon's phases and the positions of the five visible planets: Mercury, Venus, Mars, Jupiter, and Saturn.

A) I B) II C) III D) IV E) V

40. (I) Biocosmetics refer to beauty products that utilise natural ingredients derived from plants, animals, and organic crops. (II) These products are specifically formulated without the use of pesticides and chemicals, covering a wide range of personal care items, such as skin, hair, face, and dental care products. (III) As individuals become more conscious of the products they use, they are opting for natural alternatives that are free from harmful substances like paraben, benzophenone, and aluminium. (IV) In response to consumer demand for eco-friendly options, numerous cosmetic companies have shifted towards bio-based ingredients instead of petroleum-based ones. (V) In the market, there is a growing trend towards Korean beauty products thanks to their abundance of effective natural ingredients.

A) I B) II C) III D) IV E) V



THEME 8

PEOPLE AND

SOCIETY

Irrational Beliefs and Psychological Well-Being

Irrational beliefs have a profound impact on the psychological well-being of individuals. They shape their perceptions and give rise to self-criticism, **catastrophising**, and black-and-white thinking. Furthermore, thinking irrationally in a persistent way can lead to cognitive **distortions**, which are flaws in logical thinking that affect the processing of information. Consequently, individuals tend to make judgments and assumptions based on personal experiences rather than logical reasoning or **empirical** evidence. These distorted perceptions, including **delusional** beliefs about oneself, others, and the world, contribute to increased stress, anxiety, and an overall decline in mental health. Conversely, the **promotion** of rational beliefs and beneficial attitudes can foster and sustain a state of well-being and success. According to Dr Albert Ellis, the founder of Rational Emotive Behaviour Therapy (REBT), irrational beliefs arise when an individual's goals or desires are **impeded** or when they experience unexpected setbacks in their plans. In addition, Ellis suggests that numerous emotional and behavioural disturbances **spring from** illogical thinking patterns that are inappropriate, unhelpful, or even destructive. Therefore, the therapy rests **strictly** on disputing—challenging and questioning the irrational and dysfunctional beliefs and replacing them with more rational and functional ones. Unlike previous therapies, which extensively **dwelled on** childhood traumas, REBT highlights the role of beliefs in shaping emotions. Instead of attributing emotional experiences solely to external events, REBT encourages individuals to **autonomously** identify and challenge negative thought patterns, enabling them to effectively address emotional and behavioural problems.

a Match the highlighted words and phrases in the passage to the definitions below.

1. _____: to think or talk a lot about something, especially something it would be better to forget
2. _____: the act of furthering the growth or development of something
3. _____: in a way that involves a person being able to do things and make independent decisions
4. _____: to be caused by or be a result of something
5. _____: in all details
6. _____: to delay or stop the progress of something
7. _____: inappropriate to reality or facts
8. _____: based on experiments or experience rather than ideas or theories
9. _____: to imagine the worst possible outcome of an action or event
10. _____: a change in facts, ideas, etc. that makes them no longer correct or true

b Complete the sentences with the correct forms of the words and phrases given below.

catastrophise
distortion
dwell on
empirical
impede
promotion
spring from

1. Human psychology often _____ the intricate workings of the mind, exploring the depths of emotions, thoughts, and behaviours.
2. The groundbreaking theories of perception that we study today have _____ the profound insights of visionaries in the past.
3. When we experience severe anxiety, our mental processes can become _____, leading to irrational thoughts and perceptions.
4. A common example of _____ is when someone loses their job and immediately jumps to the conclusion that they will never find another job and will end up homeless.
5. In psychology, researchers often rely on _____ derived evidence to support their theories and understand human behaviour.
6. An individual's unresolved childhood traumas can often serve as a(n) _____ to their emotional well-being and overall psychological growth.
7. In order to _____ mental health awareness, a team of psychologists has organised workshops and seminars on stress management and self-care techniques.

c Read the passage and choose the correct answer for the questions below.

1. It is understood from the passage that irrational beliefs ----.

- A) arise as a consequence of behavioural disturbances
- B) play a role in maintaining beneficial attitudes
- C) can potentially contribute to the achievement of personal success
- D) are solely shaped by past experiences
- E) serve as underlying causes of emotional disturbances

2. According to the passage, which of the following is true about REBT?

- A) The main emphasis of REBT is on the traumas that individuals experienced in their childhood.
- B) The goal of REBT is to modify the external factors that impact individuals.
- C) REBT places significant emphasis on the identification and correction of cognitive distortions.
- D) REBT does not prioritise the exploration or analysis of emotional experiences.
- E) Autonomy stands as a pivotal principle within the framework of REBT.

3. Which of the following questions is mainly answered by the passage?

- A) Why do people tend to rely on personal experiences and interpretations when making judgments?
- B) What techniques can be utilised to effectively manage irrational beliefs?
- C) How can irrational thinking affect our goals and desires in the long term?
- D) How does the disputing technique work in addressing irrational and dysfunctional beliefs?
- E) What are the components and mechanisms involved in cognitive distortions?

d Choose the best word or expression to fill the spaces in the passage.

Motivation is what drives our actions and gives them direction and persistence. (1)---- it was previously viewed as a binary concept, indicating whether an individual had it or not, current understanding acknowledges that motivation can take on various forms, including intrinsic and extrinsic motivation. Intrinsic motivation involves engaging in a task or activity out of interest, (2)---- relying on external rewards or recognition. This type of motivation derives pleasure from the activity itself, perceiving a harmonious alignment (3)---- personal interests, skills, and the demands of the task. Conversely, extrinsic motivation entails participating in an activity to avoid punishment or receive external (4)----, such as praise, status, or money. In consequence, intrinsic motivation (5)---- to be more growth-oriented, leading to higher levels of enthusiasm and creativity. According to the Self-Determination Theory, it is crucial to offer positive encouragement and feedback, foster supportive relationships, and optimise individual choice and autonomy to enhance intrinsic motivation.

1.

- A) Until
- B) As long as
- C) While
- D) Since
- E) If

2.

- A) rather than
- B) in case of
- C) in addition to
- D) as regards
- E) similar to

3.

- A) against
- B) between
- C) from
- D) of
- E) by

4.

- A) elevation
- B) fulfilment
- C) encouragement
- D) reinforcement
- E) inspiration

5.

- A) had been found
- B) was being found
- C) has been found
- D) will have been found
- E) would be found

The Dual Role of Education

From enhancing the quality of life to creating conditions **conducive** to the growth of individuals capable of transforming communities, education has numerous effects on society. The functions that education **unequivocally** serves in fulfilling a society's manifold needs are manifest functions that are the intended, planned, and visible functions. **Literacy** skills, socialisation, choosing a career, transmitting culture, etc. are a few examples of manifest functions. However, education also encompasses **latent** functions, which are the hidden and implied functions that can be thought of as by-products of attending school and receiving an education rather than a direct effect of education itself. One of these latent functions is child care; education provides a free babysitting service that **deliberately** keeps children away from their parents on a regular and reasonable basis for prolonged periods of the day and year. Once children start kindergarten and then proceed to primary school, they are **attended to** for several hours for free, which also allows parents to work. Another latent function of schooling is to provide opportunities that **augment** children's chances of becoming acquainted with a larger and more diversified circle of friends than they would otherwise. People sometimes **persevere** in these friendships for the rest of their lives, regardless of the grade level at which they met in school before. Last but not least, millions of students at educational institutions have been **kept out** of the full-time workforce. This keeps the unemployment rate lower than it could be if they were in the **labour** force.

a Match the highlighted words and phrases in the passage to the definitions below.

1. _____: not by chance; in a way that was planned
2. _____: to continue trying to do or achieve something despite difficulties
3. _____: making something easy, possible or likely for something to happen
4. _____: in a way that is total or expressed in complete clarity with no doubt
5. _____: to prevent somebody from being involved in something or affected by something
6. _____: productive and physical work done for wages
7. _____: to increase the amount, value, size, etc. of something
8. _____: existing, but not yet clear, active or well developed
9. _____: the ability to read and write
10. _____: to take care of somebody or something

b Circle the two options that cannot be the synonyms of the given words and phrases.

1. **attend to**
 A) care for B) look after C) look upon D) take over E) deal with
2. **unequivocally**
 A) obviously B) subsequently C) indisputably D) unambiguously E) ultimately
3. **conducive**
 A) impressive B) beneficial C) favourable D) diligent E) useful
4. **latent**
 A) dormant B) irreparable C) concealed D) requisite E) inactive
5. **deliberately**
 A) intentionally B) consciously C) unanimously D) wittingly E) ineluctably
6. **persevere**
 A) foster B) acquire C) persist D) proceed E) endure
7. **keep out**
 A) disallow B) exclude C) hinder D) encounter E) deliver

c Read the passage and choose the correct answer for the questions below.

1. **According to the passage, the manifest functions of education ----.**
- A) are the cornerstones of society that help people acquire the skills needed in order to read and write
 - B) provide students with a hidden framework, impart practical skills, and convey society's culture
 - C) are primary functions that cater to society's needs, creating opportunities for acquiring knowledge and skills
 - D) focus more on individual development to transform society intentionally and unequivocally
 - E) nurture talented individuals that level society up in terms of socialisation and cultural transmission
2. **Which of the following is true about the latent functions of education?**
- A) People are satisfied with the effects of them owing to their contributions to parents, like babysitting.
 - B) Sophisticated problems related to societal values are eliminated to some extent via latent functions.
 - C) They are the fundamental target functions of education in society, although they seem invisible.
 - D) Whatever direct educational outcomes come into existence, they are always invaluable functions.
 - E) They are not the direct results of receiving an education but rather implicit and concealed functions.
3. **One can understand from the passage that ----.**
- A) the manifest and latent functions of education include the pros and cons of nurturing individuals in society
 - B) the number of students at educational institutions in society has a significant impact on the unemployment rate
 - C) education is the primary means by which people acquire the values and abilities they need to live in society
 - D) if people are trained well at school, they presumably become much more successful in their later lives
 - E) while manifest functions serve various needs in society, there are still visible demands and needs

d Choose the best option to complete the missing part of the passage.

Education is a teaching and learning process through which an individual acquires knowledge, skills, values, morals, beliefs, and habits or imparts them to another as well. Based on the various steps and ways covered in the entire process of obtaining and providing learning, education can be both formal and informal. Formal education usually takes place within school premises, where academic knowledge is delivered by specially qualified teachers in a planned and structured manner. ---- It encompasses self-directed, open, evidence-based, and electronic learning.

- A) Informal education similarly provides the best opportunity for individuals to obtain the requisite education.
- B) Education changes both a person's life and society as a whole; therefore, well-trained people are required.
- C) It consists of interactive activities, including teaching, training, discussions, research, and other similar ones.
- D) Formal education is also a natural and spontaneous way to get an education, unlike informal education.
- E) Informal education, however, is not confined to schools and does not follow a deliberate or structured method.

e Choose the irrelevant sentence in the passage.

(I) E-learning is the delivery of learning and training through digital resources, including computers, tablets, and mobile phones, often over the Internet. (II) It has transformed education in both schools and businesses, making it easier for students and employees to learn at their own pace in an appropriate setting. (III) It is inevitable that online learning will play a major role in how educational materials are delivered in the future. (IV) Unlike traditional classroom teaching, with e-learning, learners can access the most relevant, up-to-date, and personalised content an unlimited number of times. (V) Moreover, it is cost-effective compared to traditional learning methods because a lot of training time is reduced regarding course materials, trainers, and accommodation.

- A) I B) II C) III D) IV E) V

The Interplay between Culture and Society

Customs and traditions are integral parts of culture and society, **satisfactorily** providing individuals with a sense of identity and belonging as well as guiding their behaviour and decision-making processes. These cultural aspects, however, are not **stagnant** and evolve over time. People actively contribute to the formation and modification of social norms and values, which respectively influence individuals. In this context, **deviating** from established norms can result in social disapproval, but it can also serve as a catalyst for progress and growth, allowing cultures to adapt and thrive. To foster cultural understanding and constructive dialogue, individuals should remain open-minded and willing to **put aside** personal preferences. The interaction between people and established ways of life should be an ongoing process of adaptation and **negotiation**. Globalisation, for example, has **facilitated** the exchange of ideas and practices across cultures, leading to the spread of certain local customs and practices. Particularly, interactive technologies like social media make it possible for people to connect with individuals from different cultures, which in turn allows them to learn about their folkways and **mores**. This exchange creates new social conventions that reflect the changing dynamics of culture and society. Customs and traditions, therefore, have a **reciprocal** relationship with people, shaping and modifying each other. The dynamic nature of cultural practices ensures they **incessantly** evolve and adapt to changing circumstances. While some traditions may **fade away**, new customs and norms emerge, which enables continued growth and development.

a Match the highlighted words and phrases in the passage to the definitions below.

- _____ : involving two people or groups who behave in the same way to each other
- _____ : in a way that is good or good enough for a particular need or purpose
- _____ : to make an action or a process possible or easier
- _____ : to ignore or forget something, usually a feeling or difference of opinion
- _____ : the act or process of dealing with another to reach an agreement
- _____ : to slowly disappear, lose importance, or become weaker
- _____ : not developing, growing, or moving; dull and inactive
- _____ : in a way that never stops; without interruption
- _____ : to do something that is different from the common way of behaving
- _____ : the customs and behaviour that are typically found in a particular social group or community

b Complete the following table with the correct forms of the words.

verb	noun	adjective	adverb
		stagnant	
deviate			X
	negotiation		X
facilitate			X
	mores		
		reciprocal	
X			incessantly
			satisfactorily

c Read the passage and choose the correct answer for the questions below.

1. One can understand from the passage that ----.

- A) the lack of a sense of identity and belonging is what makes an individual go against moral and social rules
- B) the emergence of new conventions facilitates a society's continued growth and development
- C) individuals and the society that they are a part of are in a poor relationship, affecting each other negatively
- D) social disapproval has always been a main consequence of deviating from established norms
- E) interactive technologies are a way of spreading and dictating one's local customs and practices to others

2. Which of the following can be concluded based on the passage?

- A) Social conventions are dependent on individual contributions and interactions.
- B) Challenging established norms always leads to negative consequences.
- C) People have little influence on the formation and modification of social norms.
- D) Globalisation has had a negative impact on cultural practices and values.
- E) Some cultural practices have to remain unaffected by changing circumstances.

3. The aim of the author is to ----.

- A) suggest that customs and traditions ought to be abandoned in modern society
- B) argue that on no account had folkways and mores better be questioned or modified
- C) emphasise the importance of rigidly adhering to established norms and values
- D) highlight the importance of being open-minded and adaptable in cultural interactions
- E) assert that personal preferences should take precedence over social norms

d Choose the best word or expression to fill the spaces in the passage.

Social norms encompass a collection of unspoken principles prevalent in a community, and they can influence human behaviour, (1)---- on both conscious and subconscious levels. While certain social norms exhibit logical coherence, others can be a bit outdated and (2)---- to our present global landscape. (3)---- the potential benefits of adhering to social norms, they might also cause serious concerns. One of their prominent drawbacks is their tendency to diminish individuality; (4)---- balancing between conforming to social norms and maintaining one's unique identity is paramount. This balance can be achieved by being aware of the norms existing within a particular community and deciding which ones to follow based on personal values and beliefs. (5)---- individuals, we can reshape and reinterpret these norms while still respecting our communities' cultural traditions and values. By doing so, we may be able to create a more accepting and inclusive society that celebrates individuality.

1.

- A) operated
- B) having been operated
- C) operating
- D) to have operated
- E) to operate

2.

- A) disruptive
- B) accessible
- C) indifferent
- D) conducive
- E) irrelevant

3.

- A) Instead of
- B) Aside from
- C) Thanks to
- D) In case of
- E) By means of

4.

- A) moreover
- B) by comparison
- C) therefore
- D) for instance
- E) in brief

5.

- A) Of
- B) At
- C) In
- D) By
- E) As

Water Crisis: Causes, Impacts, and Solutions

Water scarcity is a complex global issue characterised by a shortage of fresh, clean water resources to **utterly** ⁽¹⁾ meet the needs of a region's population and ecosystem. It is a **multifaceted** ⁽²⁾ challenge with significant social, economic, and environmental implications. Its causes include population growth, climate change, poor water management, and conflicts. First and foremost, water scarcity jeopardises human health, as it leads to an inadequate supply of clean water. This results in waterborne diseases such as cholera and dysentery, which **inordinately** ⁽³⁾ affect children and the elderly. Furthermore, it can also cause poor **sanitation** ⁽⁴⁾ since people may resort to using contaminated water sources for their daily needs. In agriculture, a major water consumer, reduced crop yields and food insecurity are the main concerns. Farmers may struggle to **irrigate** ⁽⁵⁾ their crops, leading to potential food shortages. Economically, on the other hand, industries reliant on water **deteriorate** ⁽⁶⁾ and the cost of water rises for households and businesses. In addition, some of the environmental **repercussions** ⁽⁷⁾ are habitat loss, declining biodiversity, and harm to aquatic ecosystems. The future outlook is **bleak** ⁽⁸⁾ with the situation expected to worsen due to continued population growth and climate change. A coordinated global effort is required to **root out** ⁽⁹⁾ water scarcity, ensure equitable access to clean water for all, and protect freshwater resources. Sustainable water management practices, water conservation, and international cooperation to manage transboundary water resources must be **phased in** ⁽¹⁰⁾ over the next few years.

a Choose the correct meaning of the highlighted and numbered words and phrases in the passage.

- | | |
|---|---|
| 1. A by a great number of people
B to the whole amount or extent
C on or to all sides of something | 6. A to have the right to use something
B to make progress in a short time
C to become progressively worse |
| 2. A having many different aspects or features
B able to be used for a variety of purposes
C important and having a value that will last | 7. A a reason or explanation for something
B a bad and unintended result of something
C the cause of an event or phenomenon |
| 3. A in a particularly unusual or remarkable way
B without thinking carefully about the results
C to a degree going beyond reasonable limits | 8. A unlikely to have a favourable outcome
B good at judging people or situations
C used or seen too often to be interesting |
| 4. A an extreme fear of contaminated objects
B the practice of maintaining hygiene
C the lack of cleanliness in public spaces | 9. A to discuss an issue theoretically
B to make something known in public
C to identify and get rid of a problem |
| 5. A to bend or break because of flood
B to supply land or crops with water
C to use land in order to grow plants | 10. A to gradually introduce and implement
B to make a profitable investment plan
C to help something to happen or develop |

b Complete the sentences with the correct forms of the words given below.

bleak

deteriorate

inordinately

irrigate

sanitation

- As there is a growing demand for agricultural production in the face of climate change, efficient and sustainable _____ practices are vital for coping with water scarcity.
- The audience in the conference hall gazed _____ at the projected scenarios when climate scientists presented their latest shocking findings on rising sea levels and extreme weather events.
- Governments implemented strict measures to _____ public spaces and limit the spread of the virus, indicating the importance of international cooperation in managing health crises globally.
- The _____ amount of plastic waste accumulating in our oceans has become a serious issue, so immediate and coordinated efforts are necessary to address its environmental and ecological consequences.
- The _____ of diplomatic relations between major powers has disrupted collaborative efforts to tackle urgent challenges like nuclear proliferation.

c Read the passage and choose the correct answer for the questions below.

- 1. According to the passage, what are the main causes of water scarcity?**
- A) Escalating industrial water consumption and the subsequent loss of critical habitats.
 - B) Severe health crises like cholera and dysentery, inordinately affecting populations.
 - C) A combination of factors such as population growth, climate change, and poor water management.
 - D) Environmental degradation leading to a decline in biodiversity and harm to aquatic ecosystems.
 - E) Joint efforts aimed at sustainable water management practices for equitable resource distribution.
- 2. Water scarcity affects agriculture by ----.**
- A) managing the demands of a region's ecosystem
 - B) resulting in an adequate supply of water for farming practices
 - C) leading to poor sanitation and serious health crises
 - D) causing food insecurity and reduced crop yields
 - E) increasing the costs of water for households and businesses
- 3. Which of the following is true according to the passage?**
- A) A globally coordinated effort, including sustainable water management practices, is needed to mitigate the multifaceted challenges of water scarcity.
 - B) Population growth, climate change, and poor water management form a minor part of the complex web of factors contributing to water scarcity.
 - C) Agricultural production should be reduced to conserve water resources, which is required to simultaneously enhance agricultural sustainability.
 - D) The rising costs of water for households and businesses are the potential benefits of achieving economic growth and industrial development.
 - E) Water scarcity stems from natural factors like climate change, and therefore, it is beyond the scope of human intervention or global cooperation.

d Choose the best option to complete the missing part of the passage.

Food security is a crucial global issue, including the availability, accessibility, utilisation, and stability of food supplies. Availability refers to the consistent presence of sufficient food supplies, while accessibility relates to the economic and physical means individuals have to obtain the food they need. Utilisation focuses on the quality and safety of the food consumed. Stability, on the other hand, concerns the vulnerability of food access to shocks like price fluctuations, natural disasters, or conflicts. ---- Various international organisations, governments, and NGOs work to combat it through food aid, nutrition programmes, sustainable agriculture, and poverty reduction strategies.

- A) Food security can lead to malnutrition, health problems, social unrest, and economic stagnation, hindering overall development.
- B) Food should not only be nutritious but also align with the dietary and cultural preferences of the population.
- C) Individuals should have the economic resources to obtain the food they need, a concept known as affordability.
- D) Food insecurity can stem from factors such as poverty, conflicts, climate change, economic instability, or disruptions in food supply chains.
- E) As the global population grows, addressing food security requires sustainable innovations in food production and distribution.

e Choose the irrelevant sentence in the passage.

(I) The threat of nuclear proliferation—the continued spread of nuclear weapons—remains a serious concern in the modern world and poses significant risks to international security. (II) These weapons, with their destructive power, can result in catastrophic consequences if they fall into the wrong hands. (III) One example of a nuclear proliferation concern is the potential environmental damage caused by nuclear testing. (IV) Efforts to prevent further proliferation have included international agreements and diplomatic negotiations. (V) However, they face ongoing challenges as some nations pursue nuclear acquisition or expansion, which highlights the urgent need for worldwide cooperation to address this pressing issue.

- A) I B) II C) III D) IV E) V

For the questions 1–10, choose the best word or expression to fill the space.

1. Those who suffer from paranoid ---- often experience intense fear and suspicion towards others, believing that they are being watched, followed, or plotted against.
A) concepts B) outcomes
C) scarcities D) delusions
E) conventions
2. The lack of exposure to diverse perspectives and new ideas may contribute to cultural ----, which hinders societal progress and innovation.
A) coherence B) existence
C) stagnation D) mentality
E) literacy
3. ---- learning refers to the process by which an organism acquires knowledge and skills without demonstrating them immediately, often revealing itself later when needed.
A) Formal B) Latent
C) Deviant D) Urgent
E) Inclusive
4. An ---- distribution of wealth can cause social unrest and economic instability since it widens the gap between the rich and the poor.
A) inequitable B) unequivocal
C) irreciprocal D) augmented
E) incessant
5. ---- acceptable behaviours are those that align with societal norms and values, most of which have been established through cultural and historical influences.
A) Morally B) Individually
C) Bleakly D) Empirically
E) Sanitarily
6. Globally, millions of people are ---- housed and live in unstable conditions, such as crowded and crumbling apartments, makeshift shelters, or even on the streets.
A) inordinately B) expansively
C) deliberately D) satisfactorily
E) insecurely
7. The educational system of a country begins to ---- provided that critical investments in teacher training and resources are neglected.
A) escalate B) persist
C) fluctuate D) function
E) deteriorate
8. Employing various teaching methods in the classroom ---- a dynamic and engaging learning environment where students are actively involved in the learning process.
A) impede B) populate
C) distort D) facilitate
E) perceive
9. Melancholy often manifests when one spends too much time ---- the past or getting lost in bittersweet memories of days gone by.
A) dwelling on B) putting aside
C) attending to D) fading away
E) taking over
10. The excessive exploitation of natural resources ---- the principles of sustainable development and poses a significant threat to our planet's future.
A) phases in B) springs from
C) looks after D) goes against
E) roots out

For the questions 11–15, choose the best word or expression to fill the spaces in the passage.

One of the most critical global issues threatening basic human rights is climate change. Rising temperatures, extreme weather events, and sea-level rise are causing displacement and food scarcity, particularly affecting (11)---- populations. On top of that, air pollution (12)---- the burning of fossil fuels is responsible for respiratory diseases, especially in densely populated urban areas. In addition, water scarcity, worsened by changing precipitation patterns and increased demand, threatens access (13)---- clean drinking water and sanitation for the millions. These environmental challenges are closely linked to human rights (14)---- they undermine the rights to life, health, and an adequate standard of living. (15)---- protecting the rights of the underprivileged and ensuring a brighter future, we need to roll up our sleeves and work towards sustainable solutions for clean air, the availability of clean water, and the preservation of our planet.

11.

- A) vulnerable B) irreversible
C) disgraceful D) indigenous
E) resilient

12.

- A) to have stemmed from
B) to stem from
C) having stemmed from
D) stemming from
E) to be stemming from

13.

- A) with B) for
C) over D) by
E) to

14.

- A) as much as B) in that
C) as long as D) unless
E) while

15.

- A) On behalf of B) For all
C) In pursuit of D) But for
E) Thanks to

For the questions 16–20, choose the best word or expression to fill the spaces in the passage.

Phobias are characterised by intense and irrational fears (16)---- specific objects, situations, or activities, which can significantly impact an individual's daily functioning. These fears can affect anyone, (17)---- age, gender, or social background, but they are notably prevalent during adolescence, typically between the ages of 15 and 20, or during childhood. (18)----, individuals can experience multiple phobias, as the presence of one increases the probability of developing others. The development of phobias is influenced by a combination of genetic, environmental, and psychological factors, as well as exposure to traumatic events or observational learning. When (19)---- with the phobic stimulus, individuals may experience panic attacks, an increased heart rate, and a strong urge to avoid the feared situation. Exposure therapy, which gradually exposes individuals to their fears either in real life or through virtual reality, (20)---- effective in treating specific phobias, including acrophobia (fear of heights), aviophobia (fear of flying), and others.

16.

- A) through B) within
C) among D) towards
E) beyond

17.

- A) instead of B) regardless of
C) as well as D) in the case of
E) except for

18.

- A) Furthermore B) That is to say
C) As a result D) For instance
E) In contrast

19.

- A) confronted B) burdened
C) rewarded D) compared
E) collided

20.

- A) was being proved B) would be proved
C) has been proved D) had been proved
E) will have been proved

Answer the questions 21–23 according to the passage below.

Language acquisition is a process in which individuals acquire the ability to perceive and interpret language, as well as to make sentences for communication. Numerous theorists have contributed to its development, particularly Jerome Bruner, an advocate of interactionist theory. He believes children are born with a capacity to develop language; however, they need regular interaction with their parents, babysitters, or teachers to learn and comprehend it to the level of full fluency. Adults tend to correct mistakes children make while using language and also frequently teach them what objects and their purposes are. Bruner suggests this helps build the framework that children will later rely on when further developing language. Adults can also use child-directed speech (CDS), encompassing altering the way they talk while helping the child conceptualise language autonomously, prevalently known as ‘baby talk’. People use language slightly differently, including slower speech with a higher pitch, more noticeable intonations for different types of speech, and relatively simple sentences to describe situations. These various strategies simplify language to make it as straightforward as possible for the child to comprehend. He argues that children cannot develop an understanding of the more sophisticated components of language alone; consequently, CDS offers an infant-friendly introduction to language that can be built on throughout infancy, early childhood, and into school.

21. Language acquisition is the process by which ----.

- A) adults are solely in charge of teaching correct language patterns to children
- B) children perceive and interpret language with the natural ability within them
- C) individuals acquire language naturally with the help of specific genes in their brain
- D) individuals obtain language by imitating their environment unconsciously
- E) people gain the capacity to perceive, comprehend, and express language properly

22. According to the passage, what does interactionist theory propose?

- A) Not only do children learn language from their environment, but they are also born with an extreme cognitive ability to speak.
- B) The interaction with adults constantly providing instructive corrections contributes a lot to children’s language development.
- C) Should adults observe and correct mistakes when the child conceptualises language independently, language growth will be fulfilled.
- D) Neither the child’s inherent language capacity nor adults’ attention to the child’s language development plays a role in language acquisition.
- E) The language process requires the child to be in an environment in which adults correct language mistakes occasionally.

23. It is pointed out in the passage that child-directed speech ----.

- A) gives children such highly simple instructions regarding language components that they could be in need of adults’ help
- B) is an infant-friendly language introduction to build the basis for language, something children cannot develop alone in their later years
- C) improves an understanding of the more complex words and sentences that children figure out, regardless of adults’ contribution
- D) is a means of speech in which an adult changes their use of language when talking to a child to simplify language
- E) incorporates ‘baby talk’ that makes the language acquisition process and parents involuntarily ridiculous and weird

Answer the questions 24–26 according to the passage below.

Different cultures have various traditions to mark the transition from adolescence to adulthood. In Japan, Seijin-no-Hi, Coming of Age Day, is observed on the second Monday of January. On this occasion, young adults having turned 20 in the past year gather at municipal offices, dressed in traditional kimonos, hakama, or suits, to celebrate their newfound responsibilities and rights as adults. Across Latin American countries, the quinceañera is a notable custom celebrating a girl's 15th birthday and symbolising her transition into adulthood. This festive occasion often involves a religious ceremony followed by a grand celebration with loved ones. Moreover, in some Native American tribes, young people undertake a solitary journey into nature known as a vision quest to seek guidance and spiritual awakening. This introspective journey serves as a rite of passage, guiding them towards adulthood and connecting them with their cultural roots. Although differing in details, these customs emphasise the significance of reaching adulthood and the associated responsibilities and privileges. They provide a sense of identity, cultural continuity, and communal bonding by creating a shared experience among individuals and their community.

24. It is pointed out in the passage that during Seijin-no-Hi festivities in Japan, ----.

- A) families gather around to celebrate the transition into adulthood of their sons and daughters
- B) newly turned twenty-year-olds come together at local government offices in their conventional attire
- C) young men and women participate in a series of physical challenges to prove their strength
- D) females have to wear a kimono to attend the ceremony, while males have to wear a hakama or suit
- E) teenagers are informed about their responsibilities and rights as adults by municipal offices

25. Which of the following statements about the Native American tribes is true?

- A) After the vision quest, tribe members have a joyous celebration where they can share their experiences.
- B) Most of them have a spiritual ceremony called the vision quest in order to celebrate adulthood.
- C) The vision quest in some Native American tribes is a group activity that involves the entire community.
- D) Many tribes do not have any specific traditions or rituals to mark the transition into adulthood.
- E) Young individuals in certain tribes venture alone into the wilderness for an introspective retreat.

26. The significance of reaching adulthood is highlighted through ----.

- A) certain societal expectations and conformity to community norms
- B) the communal bonding that is formed as a result of shared experiences
- C) various cultural traditions and ceremonies that mark the occasion
- D) personal achievements and accomplishments that showcase maturity
- E) some rights, privileges, and commitments that serve as rites of passage

Answer the questions 27–29 according to the passage below.

Maintaining economic stability on a global scale is essential for sustainable growth, poverty reduction, and the overall well-being of people worldwide. One of the key elements contributing to global economic instability is financial crises. For instance, the Great Recession in 2008 exemplifies how such crises can quickly spread across borders through interconnected global financial systems. It was a severe worldwide economic downturn that began with the collapse of one of the largest investment banks in the United States in September 2008. This collapse resulted in a domino effect, causing widespread bank failures, stock market crashes, and a credit freeze. The crisis had far-reaching repercussions, causing massive job losses, property seizures, and a sharp decline in economic growth across the globe. Governments and central banks around the world intervened with massive financial rescues, stimulus packages, and monetary policy adjustments to stabilise their economies. Furthermore, the crisis exposed weaknesses in the global financial system, leading to increased regulation and reforms aimed at preventing a similar catastrophe in the future. It also had profound social and political consequences such as a loss of trust in financial institutions, which prompted a reevaluation of economic and regulatory policies.

27. What was the key strategy employed by governments and central banks to address the Great Recession?

- A) Focusing on increasing regulatory measures, leading to long-term economic stability and job creation
- B) Enhancing the interconnectedness of global economies, which resulted in widespread financial instability
- C) Relying primarily on financial institutions, which led to a reevaluation of economic policies
- D) Enacting comprehensive and massive financial rescues, packages, and financial policy adjustments
- E) Stabilising their economies by boosting trust in global financial systems and implementing reforms.

28. According to the passage, one of the indirect consequences of the Great Recession was a ----.

- A) sudden growth in international trade and cooperation, contributing to economic stability
- B) substantial increase in investments in interconnected global financial systems
- C) failure in global tourism and travel, affecting economic well-being and poverty reduction
- D) sharp boost in economic growth, leading to widespread job losses and property seizures
- E) significant decline in trust and confidence in financial institutions and regulatory policies

29. One can understand from the passage that the global financial crisis in 2008 ----.

- A) strengthened the global financial system by increasing trust and stability
- B) interconnected global financial systems through widespread bank failures
- C) revealed weaknesses in the system and led to an increase in reforms
- D) caused global financial institutions to flourish without any regulation
- E) resulted in a complete collapse of the global financial system

Answer the questions 30–32 according to the passage below.

When individuals form opinions of others, they consider various factors, such as appearance, behaviour, and personality traits, besides their own beliefs and values. This process ensures that people's impressions of others will not be exactly the same. The way individuals perceive others is greatly influenced by how easily they access certain characteristics in their minds. This variation in accessibility will cause individuals to focus on different aspects of the other person. For instance, individuals who highly value physical attractiveness tend to focus on this characteristic, while others may prioritise attributes like race, religion, or clothing style based on their interests and values. Additionally, once a positive impression of someone is formed, such as perceiving them as intelligent or diligent, any later negative information about them seems less significant. This is known as the 'halo effect', where an overall positive evaluation of a person influences how we perceive their characteristics. Furthermore, people differ in their level of attentiveness while processing information about others. Some individuals strongly need to gain knowledge about those with whom they interact, considering situational factors when assessing others' behaviours. This results in the formation of more tolerant judgments towards stigmatised groups. Conversely, individuals low in need for cognition may exhibit more impulsive and impatient behaviour, leading to quicker and more spontaneous judgments.

30. Which of the following is true about the halo effect?

- A) It is solely associated with the positive traits that shape our perception of a person, and it has no impact on how we perceive their negative qualities.
- B) It is a conscious process that individuals can effectively manage and overcome through deliberate thought and effort.
- C) It is restricted to one's physical appearance and does not extend to their behaviours, skills, or personality traits.
- D) It refers to the tendency to perceive one's attributes positively because of the initial positive impression they have created.
- E) It ensures that once we form a positive opinion of others, we will never notice or consider any negative traits or actions they may exhibit.

31. It is stated in the passage that individuals low in need for cognition ----.

- A) tend to make more intolerant judgments towards stigmatised groups
- B) take situational factors into account when evaluating the behaviours of others
- C) have a strong desire to acquire knowledge about the people with whom they interact
- D) exhibit behaviour that is marked by thoughtfulness and patience
- E) refrain from making spontaneous and impulsive judgments

32. Which of the following could be the main idea of this passage?

- A) The perception and interpretation of information are significantly influenced by an individual's characteristics and personal traits.
- B) Individuals who highly prioritise physical attractiveness frequently misjudge others because of their subjective assessments.
- C) Human relations can be challenging when we assume others share our perspective without fully understanding theirs.
- D) The conclusions we reach about others with whom we share common attributes, such as religion and race, are generally consistent and correct.
- E) People with common values tend to perceive others similarly, leading to a negative impression of individuals who differ from themselves.

For the questions 33–36, choose the best option to complete the missing part of the passage.

33. Due to society's accelerating pace of change in economy and technology, a series of talents and qualifications referred to as 21st-century skills are considered essential to accomplishment in the contemporary world. These abilities go beyond conventional academic knowledge and concentrate on equipping individuals with the necessary instruments to thrive in an increasingly interconnected and complex society. Associated with deeper learning that is based on promoting skills including sophisticated problem solving, communication, collaboration, and creativity are the primary goals of 21st-century skills. The importance of these skills lies in their capacity to enable people to succeed in a rapidly evolving global economy. ----

- A) They frequently encompass both academic and life skills that back students up in school and in their careers.
- B) In particular, relationships and being successful are getting more challenging owing to all aspects of life evolving.
- C) They, additionally, provide people with opportunities and overcome the challenges of the digital age.
- D) These skills differ from traditional academic ones in that they are not primarily knowledge-based.
- E) Novel ways of thinking and diverse perspectives may foster creativity, which enhances problem-solving abilities.

34. Customs and traditions have evolved over time, shaped by historical events, societal changes, and cultural influences. They have their roots in ancient civilisations and are transmitted across generations. An example is Halloween, which can be traced back to the ancient Celtic festival of Samhain, marking the end of the harvest season. ---- They can be influenced by religious, political, or economic factors, transforming rituals and ceremonies. Hence, the broad range of customs and traditions we observe today is a testament to the ever-evolving nature of human culture, reflecting the diverse histories and values of different societies.

- A) Certain traditions should be abandoned if they are harmful or discriminatory towards certain groups of people.
- B) As cultures intermingle and societies advance, these customs undergo modifications to adapt to new contexts.
- C) The introduction of new technologies has also impacted the way folkways and mores are practised in society.
- D) Customs and traditions evolve over time, but some cultural practices remain stagnant and resistant to change.
- E) Cultural exchange through travel and immigration brings new customs, enriching the cultural diversity of societies.

35. ---- These concerns have led to a growing realisation that individuals' online activities and personal data are not only monetised for profit but also vulnerable to exploitation. As a result, calls for stronger data protection measures, more transparent data practices, and individual data ownership rights have gained momentum. The need to balance innovation with safeguarding personal privacy in the digital age has become a central theme in the ongoing discourse around digital privacy, underlining the urgency of striking the right balance to protect individuals while enabling the benefits of technology and connectivity.

- A) Privacy breaches over data sharing have pushed companies to adopt more strict privacy policies and transparency measures.
- B) The balance between security and privacy has been a controversial issue, especially in the context of mass surveillance programs.
- C) Digital privacy is a significant global concern that has garnered attention due to the rapid growth of potential privacy violations.
- D) The rise of social media platforms, online ads, and smart devices has raised concerns about personal data collection and usage.
- E) Cybersecurity has emerged as a paramount global issue, transcending borders and impacting nations and individuals across the world.

36. Positive psychology places particular emphasis on two types of well-being: hedonic and eudaimonic. ---- However, when people have a hedonic experience, like attending social gatherings or dining at fancy restaurants, they may derive great pleasure from these activities, but the increased sense of well-being may not last long and will eventually return to normal levels. Conversely, eudaimonic happiness centres around a deeper sense of well-being that comes from living in harmony with one's values, finding purpose, and achieving self-fulfilment. Studies indicate that both forms of happiness contribute uniquely to individuals' overall well-being and are equally essential for maximising happiness.

- A) Hedonic well-being is essential for a satisfying life, but achieving a harmonious combination of the two can result in lasting happiness.
- B) Happiness is considered to be a positive emotional state; nevertheless, interpretations of this optimistic state can vary among individuals.
- C) The concept of hedonic happiness was first introduced by Aristippus, who believed that the primary goal in life should be to maximise pleasure.
- D) In numerous nations, there is a consistent correlation between life satisfaction and both higher levels of income and education.
- E) Hedonic well-being prioritises positive emotions and overall life satisfaction, seeking immediate pleasure and avoiding pain.

For the questions 37–40, choose the irrelevant sentence in the passage.

37. (I) Media and information literacy—the ability to meaningfully engage with media and information channels, determining their accuracy or credibility—covers various competencies. (II) It, in particular, equips individuals with essential skills required for critical thinking, analysis, self-expression, and creativity, which can be quite challenging to teach. (III) People can access, analyse, create, and consume media and information in a variety of formats, including print, radio, video, and the Internet. (IV) It also helps people make informed choices about how they participate in peacebuilding, promoting equality, engaging in dialogues, accessing information, and contributing to sustainable development. (V) Proficiency in using search engines properly enables people to employ cross-disciplinary skills, such as analytical thinking, by researching and comparing various sources online once the information is obtained.

A) I B) II C) III D) IV E) V

38. (I) Foot binding practice in China is a centuries-old tradition that involves the tight wrapping of a young girl's feet to prevent them from growing larger than 10–11 centimetres. (II) It was considered a symbol of beauty and social status and was often a must-have for marriage in some regions of China. (III) Despite being officially banned in 1912, some women continued to bind their feet in secret until the mid-20th century. (IV) The practice thus promoted gender inequality by reinforcing the idea that women's value was based merely on their physical appearance and limiting their mobility. (V) Additionally, it was incredibly painful and led to permanent disabilities for women, some of whom were left unable to walk without assistance, experiencing lifelong chronic pain.

A) I B) II C) III D) IV E) V

39. (I) Around the world, gender inequality in the workplace is a long-standing problem, with studies showing that women earn less than their male counterparts in similar positions. (II) To illustrate, a report by the World Economic Forum in 2020 revealed that women, on average, earned eighty-two cents for every dollar earned by men. (III) This wage gap exists in various industries and cannot be solely attributed to differences in experience or education. (IV) Additionally, the report mentioned that gender inequality extends to the lack of women in leadership positions. (V) They have also found that progress in closing the gap has been slow, and estimates suggest that achieving gender pay equality may take decades.

A) I B) II C) III D) IV E) V

40. (I) Flow is a mental state where a person is completely immersed in an activity, using their skills to the fullest. (II) Individuals experiencing a flow state often have elevated dopamine levels, potentially explaining their lack of awareness of hunger or fatigue. (III) During a flow state, individuals can maintain an uninterrupted focus, disregarding any external distractions and consequently losing awareness of the passage of time. (IV) This state often occurs during creative tasks and has been found to benefit areas such as teaching, learning, sports, and artistic pursuits, resulting in improved performance and skill development. (V) According to the synchronisation theory, flow enhances communication between different parts of the brain, leading to increased activity in the frontal cortex and improved higher-level thinking abilities.

A) I B) II C) III D) IV E) V



TARGET VOCABULARY LIST & ANSWER KEY

TARGET VOCABULARY**THEME 1****NATURE AND ENVIRONMENT****MODULE 1.1**

impact
malnutrition
dramatic
sudden
indirectly
sharply
surround
threaten
bring about
leave aside

MODULE 1.2

burden
pollutant
efficient
eternal
immediately
increasingly
replenish
sustain
rely on
seek out

MODULE 1.3

particle
surface
constituent
pre-existent
conventionally
diversely
compact
distinguish
derive from
wash off

MODULE 1.4

consequence
destruction
detrimental
fragile
promptly
significantly
implement
prevent
die out
fall apart

TARGET VOCABULARY**THEME 2****LEISURE AND ENTERTAINMENT****MODULE 2.1**

inception
narrative
accessible
rudimentary
incredibly
intricately
evolve
exclude
account for
add to

MODULE 2.2

enhancement
resolution
immersive
simulated
apparently
gradually
reduce
undertake
look round
turn out

MODULE 2.3

patience
schedule
hectic
worth
absolutely
unexpectedly
impress
pursue
take up
try out

MODULE 2.4

collaboration
self-esteem
inevitable
notable
genuinely
unanimously
participate
require
cater for
take over

TARGET VOCABULARY**THEME 3****HISTORY AND CIVILISATION****MODULE 3.1**

custom
treasure
immortal
prominent
allegedly
tremendously
adopt
uncover
date from
descend from

MODULE 3.2

breakthrough
trailblazer
notable
unprecedented
adeptly
integrally
innovate
revolutionise
look upon
set up

MODULE 3.3

heritage
spirituality
ancestral
traditional
earnestly
undoubtedly
incorporate
thrive
draw up
live through

MODULE 3.4

venue
involvement
colossal
renowned
delicately
indisputably
construct
replicate
base on
stand out

TARGET VOCABULARY**THEME 4****HEALTH AND MEDICINE****MODULE 4.1**

ailment
stigmatisation
indolent
persistent
accordingly
mentally
compromise
exhibit
contend with
miss out

MODULE 4.2

healing
treatment
cutting-edge
exceptional
precisely
scrupulously
combat
magnify
carry out
go through

MODULE 4.3

immunity
moderation
deficient
restrictive
consistently
sufficiently
diagnose
digest
get over
stem from

MODULE 4.4

acceleration
recognition
comprehensive
vigorous
keenly
relatively
adjust
progress
rest on
turn into

TARGET VOCABULARY**THEME 5****CULTURE AND TRAVEL****MODULE 5.1**

association
initiative
compatible
exploratory
supposedly
eventually
declare
envisage
set out
take off

MODULE 5.2

community
refuge
independent
subterranean
skilfully
wisely
adorn
showcase
delve into
think up

MODULE 5.3

endeavour
jeopardy
impressive
prevalent
conveniently
ultimately
align
commute
come about
embark on

MODULE 5.4

assortment
legacy
illicit
intangible
immensely
universally
visualise
encompass
conjure up
pass down

TARGET VOCABULARY**THEME 6****ARTS AND LITERATURE****MODULE 6.1**

perspective
portrayal
contemporary
hypothetical
daringly
extensively
constrain
depict
bring up
point out

MODULE 6.2

endurance
manuscript
influential
obsolete
peculiarly
strikingly
adhere
illustrate
follow up
grow into

MODULE 6.3

accomplishment
background
lifelike
novel
radically
readily
inspire
render
deal with
throw aside

MODULE 6.4

sentiment
spectator
accustomed
outstanding
straightforwardly
subsequently
comprise
convey
carry through
draw on

TARGET VOCABULARY**THEME 7****SCIENCE AND TECHNOLOGY****MODULE 7.1**

conductivity
texture
distinctive
speedy
adequately
thoroughly
manipulate
shrink
change over
cut down

MODULE 7.2

hindrance
output
fragmentary
preliminary
meticulously
substantially
deliver
inscribe
call for
polish up

MODULE 7.3

culmination
supremacy
bold
fierce
firmly
solely
foster
stimulate
end up
kick off

MODULE 7.4

hesitancy
outbreak
promising
unstable
annually
dexterously
eradicate
plateau
fall behind
step up

TARGET VOCABULARY**THEME 8****PEOPLE AND SOCIETY****MODULE 8.1**

distortion
promotion
delusional
empirical
autonomously
strictly
catastrophise
impede
dwell on
spring from

MODULE 8.2

labour
literacy
conductive
latent
deliberately
unequivocally
augment
persevere
attend to
keep out

MODULE 8.3

mores
negotiation
reciprocal
stagnant
incessantly
satisfactorily
deviate
facilitate
fade away
put aside

MODULE 8.4

repercussion
sanitation
bleak
multifaceted
inordinately
utterly
deteriorate
irrigate
phase in
root out

1.1 CLIMATE CHANGE

a

1. indirectly
2. malnutrition
3. impact
4. bring about
5. sudden
6. surround
7. threaten
8. dramatic
9. leave aside
10. sharply

b

1. suddenly
2. sharp
3. dramatically
4. threatening
5. indirect
6. surrounding
7. Impactful

c

1. D
2. A
3. C

d

1. A
2. B
3. E
4. A
5. C

1.2 RENEWABLE ENERGY

a

1. sustain
2. seek out
3. increasingly
4. burden
5. efficient
6. replenish
7. immediately
8. rely on
9. pollutant
10. eternal

b

verb	noun	adjective	adverb
sustain	sustainability	(un)sustainable	sustainably
X	(in)efficiency	efficient	(in)efficiently
(un)burden	burden	burdensome	X
X	immediacy	immediate	immediately
replenish	replenishment	X	X
pollute	pollutant	polluted	X
increase	increase	increased/ (non)increasing	increasingly
X	eternity	eternal	eternally

c

1. A
2. E
3. D

d

B

e

B

1.3 ROCK FORMATION

a

1. constituent
2. surface
3. particle
4. derive from
5. wash off
6. diversely
7. pre-existent
8. compact
9. conventionally
10. distinguish

b

Possible Answers

1. Based on their constituent mineral particles, how they are compact, and the impacts of processes on them since they have formed, rocks have pretty different features.
2. Only rarely are diamonds found, which makes them conventionally invaluable since they were formed billions of years ago at depths between 150 and 250 kilometres in the Earth's mantle under conditions of high temperature and pressure.
3. Granite, which is one of the more common rocks and is encountered diversely in our daily lives, such as in countertops in the kitchen, floor tiles, etc., is distinguished from all other rocks.
4. The abundance and diversity of minerals on the Earth's surface determine numerous rock formations as the mass of various minerals comes together to form a rock.
5. Both the particles washed off pre-existent materials and environmental factors contribute to the rock formation process and their properties.

c

1. E
2. C
3. C

d

1. C
2. A
3. E
4. D
5. B

1.4 ENDANGERED SPECIES AND EXTINCTION

a

1. consequence
2. fall apart
3. promptly
4. detrimental
5. implement
6. significantly
7. fragile
8. prevent
9. die out
10. destruction

b

1. roll up our sleeves
2. of the essence
3. slip through our fingers
4. on the brink of
5. Turning a blind eye to

c

1. A
2. E
3. B

d

D

e

C

2.1 GAMES

a

1. B
2. A
3. A
4. B
5. C
6. B
7. B
8. C
9. A
10. C

b

1. intricate
2. accessibility
3. incredible
4. evolution
5. Exclusion
6. narrate

c

1. E
2. D
3. E

d

1. C
2. D
3. A
4. E
5. D

2.2 ONLINE ACTIVITIES

a

verb	noun	adjective	adverb
immerse	immersion	immersive	X
simulate	simulation	simulated	X
reduce	reduction	reduced	X
resolve	resolution	X	X
appear	appearance	apparent	apparently
grade	grade	gradual	gradually
enhance	enhancement	enhanced	X

b

1. enhancement
2. simulated
3. reducing
4. immersive
5. look round

c

1. E
2. A
3. D

d

B

e

C

2.3 INDOOR ACTIVITIES

a

1. worth
2. schedule
3. patience
4. take up
5. absolutely
6. pursue
7. impress
8. try out
9. unexpectedly
10. hectic

b

Possible Answers

1. There is **absolute** fulfilment to be found in practising traditional crafts because of creating something from start to finish using only your hands.
2. Starting a new hobby, like playing an instrument, can be a great way to learn a difficult skill while also providing a sense of **worthiness**.
3. People who are **impatient** can benefit from artistic activities in order to master important skills including tolerance and resilience.
4. Crafts give you the ability to make unique items, from jewellery making to woodworking, out of daily materials that can leave a lasting **impression** on others.
5. Reading can provide a break from the stresses of daily life and has been shown to offer **unexpected** stress-reducing benefits.

c

1. B
2. C
3. B

d

1. A
2. D
3. B
4. C
5. E

2.4 OUTDOOR ACTIVITIES

a

1. genuinely
2. self-esteem
3. participate
4. take over
5. collaboration
6. require
7. cater for
8. unanimously
9. inevitable
10. notable

b

1. meet: caters for
2. indeed: genuinely
3. being involved in: participating
4. Taking charge of: Taking over
5. remarkable: notable
6. with one accord: unanimously
7. unavoidable: inevitable

c

1. C
2. B
3. E

d

B

e

B

3.1 AFRICA

a

1. immortal
2. treasure
3. allegedly
4. descend from
5. adopt
6. uncover
7. date from
8. custom
9. prominent
10. tremendously

b

1. C
2. C
3. A
4. A
5. D
6. B

c

1. C
2. B
3. A

d

1. E
2. C
3. B
4. E
5. C

3.2 ASIA

a

1. B
2. A
3. D
4. B
5. C
6. A
7. D
8. D
9. A
10. C

b

1. adept
2. innovation
3. integral
4. unprecedentedly
5. trailblazing

c

1. E
2. E
3. B

d

C

e

E

3.3 AMERICAS

a

1. B
2. D
3. A
4. C
5. B

b

1. spiritual
2. traditionally
3. heritable
4. lived through
5. thriving
6. earnest
7. drew up
8. undoubted
9. ancestry
10. incorporated

c

1. A
2. B
3. E

d

1. C
2. A
3. C
4. D
5. B

3.4 EUROPE

a

1. venue
2. colossal
3. stand out
4. involvement
5. renowned
6. indisputably
7. delicately
8. replicate
9. base on
10. construct

b

verb	noun	adjective	adverb
dispute	dispute/ disputation	(in)disputable	indisputably
involve	involvement	involved	X
replicate	replication/ replica	replicable	X
X	renown	renowned	X
construct	construction	constructional	X
X	delicacy	delicate	delicately

c

1. A
2. B
3. E

d

A

e

D

4.1 DISEASES AND CONDITIONS

a

1. A
2. C
3. A
4. B
5. B
6. C
7. B
8. A
9. C
10. B

b

1. stigmatising
2. exhibition
3. indolence
4. mental
5. persistently
6. Ailing

c

1. E
2. B
3. D

d

1. C
2. D
3. B
4. A
5. C

4.2 MEDICATION AND SURGERY

a

1. scrupulously
2. exceptional
3. healing
4. carry out
5. precisely
6. combat
7. treatment
8. magnify
9. go through
10. cutting-edge

b

1. C-E
2. B-C
3. A-D
4. C-E
5. B-D
6. A-E
7. C-D
8. A-B

c

1. B
2. A
3. E

d

D

e

B

4.3 DIET AND EXERCISE

a

1. sufficiently
2. moderation
3. get over
4. restrictive
5. consistently
6. digest
7. stem from
8. deficient
9. immunity
10. diagnose

b

verb	noun	adjective	adverb
restrict	restriction	restrictive	restrictively
X	deficiency	deficient	deficiently
moderate	moderation	(im)moderate	(im)moderately
immunise	immunity	immune	X
digest	digestion	digestive	X
X	consistency	consistent	consistently
diagnose	diagnosis	diagnostic	diagnostically
suffice	(in)sufficiency	(in)sufficient	sufficiently

c

1. A
2. E
3. D

d

1. E
2. D
3. B
4. C
5. C

4.4 ALTERNATIVE MEDICINE

a

1. keenly
2. recognition
3. acceleration
4. progress
5. relatively
6. adjust
7. vigorous
8. turn into
9. rest on
10. comprehensive

b

1. get back on their feet
2. go under the knife
3. a clean bill of health
4. a cure worse than the disease
5. at death's door

c

1. E
2. B
3. C

d

B

e

E

5.1 TYPES OF TOURISM

a

1. set out
2. supposedly
3. association
4. initiative
5. exploratory
6. compatible
7. declare
8. take off
9. eventually
10. envisage

b

verb	noun	adjective	adverb
associate	association	associated/ associative	associatedly/ associatively
declare	declaration/ declarant	declarative/ declaratory	X
explore	exploration/ explorer	exploratory	X
initiate	initiative	initial/initiatory	initially
X	(in)compatibility	compatible	(in)compatibly
suppose	supposition	supposed	supposedly
eventuate	eventuality	eventual	eventually

c

1. E
2. A
3. C

d

1. D
2. B
3. A
4. D
5. E

5.2 ICONIC LANDMARKS AND DESTINATIONS

a

1. B
2. D
3. C
4. A
5. C
6. B
7. D
8. A
9. D
10. B

b

1. wise
2. skills
3. subterraneanly
4. adornment
5. independently
6. communal

c

1. A
2. B
3. D

d

E

e

D

5.3 MODES OF TRANSPORTATION

a

1. conveniently
2. ultimately
3. align
4. commute
5. endeavour
6. impressive
7. embark on
8. prevalent
9. jeopardy
10. come about

b

Possible Answers

1. The impressive improvements in the means of transportation thus allow society and people's quality lives to progress conveniently as regards social and cultural activities.
2. Cultural values and aesthetics have ultimately impacted transportation infrastructure and architecture, as observed in the Streamline Moderne design movement of the 20th century.
3. Since there is no feasible jeopardy to the environment or health, walking or cycling to commute is preferred over driving or using public transportation in a lot of places.
4. The majority of people occasionally spend an impressive endeavour to find their parked car among the aligned vehicles, especially in shopping centres.
5. Aeroplanes will always stand out as an impressive product of human beings' technological improvement among prevalent vehicles since they are not a classical means of transportation connected with culture.

c

1. A
2. C
3. E

d

1. C
2. E
3. D
4. B
5. A

5.4 WORLD HERITAGE

a

1. C
2. B
3. B
4. A
5. C
6. A
7. C
8. B
9. A
10. C

b

1. illicitly
2. universality
3. visualisation
4. immensity
5. intangibly

c

1. A
2. D
3. E

d

B

e

C

6.1 LITERARY GENRES

a

1. A
2. B
3. D
4. C
5. D
6. A
7. D
8. C
9. B
10. C

b

1. depiction
2. extensive
3. constraints
4. hypotheses
5. daring

c

1. B
2. E
3. E

d

1. D
2. A
3. C
4. B
5. A

6.2 FINE ARTS

a

1. B
2. A
3. D
4. B
5. C

b

1. manuscripts
2. illustrating
3. influence
4. followed up
5. endurable
6. striking
7. grown into

c

1. C
2. E
3. A

d

B

e

D

6.3 MOVEMENTS AND PERIODS

a

1. readily
2. accomplishment
3. deal with
4. lifelike
5. background
6. render
7. throw aside
8. radically
9. inspire
10. novel

b

1. threw aside
2. deal with
3. novel
4. accomplishments
5. lifelike
6. radical
7. inspired

c

1. B
2. D
3. A

d

1. B
2. E
3. A
4. D
5. C

6.4 THE PERFORMING ARTS AND CINEMA

a

1. comprise
2. straightforwardly
3. spectator
4. carry through
5. convey
6. outstanding
7. accustomed
8. draw on
9. subsequently
10. sentiment

b

1. relay: convey
2. feelings: sentiments
3. benefit from: draw on
4. usual: accustomed
5. afterwards: subsequently
6. audiences: spectators
7. awesome: outstanding

c

1. C
2. D
3. A

d

C

e

E

7.1 NANOTECH AND COMPUTER SCIENCE

a

1. speedy
2. cut down
3. distinctive
4. texture
5. adequately
6. shrink
7. thoroughly
8. manipulate
9. conductivity
10. change over

b

1. B
2. E
3. D
4. C
5. E

c

1. C
2. E
3. A

d

1. D
2. B
3. E
4. E
5. D

7.2 ROBOTICS AND ARTIFICIAL INTELLIGENCE

a

1. output
2. deliver
3. fragmentary
4. preliminary
5. hindrance
6. inscribe
7. polish up
8. substantially
9. meticulously
10. call for

b

1. come to the conclusion
2. stands in need of
3. crack the code
4. hang in the air
5. do their utmost

c

1. C
2. A
3. B

d

D

e

D

7.3 SPACE EXPLORATION AND ASTRONOMY

a

1. A
2. D
3. C
4. B
5. B
6. A
7. C
8. D
9. B
10. A

b

verb	noun	adjective	adverb
X	fierceness	fierce	fiercely
X	supremacy	supreme	supremely
firm	firmness	(un)firm	firmly
X	boldness	bold	boldly
culminate	culmination	X	X
X	solitude	sole	solely
foster	fosterage	foster/ unfostered	X
stimulate	stimulation/ stimulator/ stimulus	stimulative/ stimulatory/ (un)stimulating/ unstimulated	X

c

1. A
2. B
3. D

d

1. E
2. C
3. A
4. E
5. B

7.4 ADVANCES IN PURE SCIENCES

a

1. outbreak
2. promising
3. dexterously
4. step up
5. annually
6. hesitancy
7. plateau
8. unstable
9. eradicate
10. fall behind

b

1. stability
2. hesitant
3. annual
4. dexterous
5. promise
6. eradication

c

1. E
2. C
3. C

d

D

e

D

8.1 HUMAN PSYCHOLOGY

a

1. dwell on
2. promotion
3. autonomously
4. spring from
5. strictly
6. impede
7. delusional
8. empirical
9. catastrophise
10. distortion

b

1. dwells on
2. sprung from
3. distorted
4. catastrophising
5. empirically
6. impediment
7. promote

c

1. E
2. C
3. E

d

1. C
2. A
3. B
4. D
5. C

8.2 EDUCATION AND LEARNING

a

1. deliberately
2. persevere
3. conducive
4. unequivocally
5. keep out
6. labour
7. augment
8. latent
9. literacy
10. attend to

b

1. C-D
2. B-E
3. A-D
4. B-D
5. C-E
6. A-B
7. D-E

c

1. C
2. E
3. B

d

E

e

C

8.3 CUSTOMS AND TRADITIONS

a

1. reciprocal
2. satisfactorily
3. facilitate
4. put aside
5. negotiation
6. fade away
7. stagnant
8. incessantly
9. deviate
10. mores

b

verb	noun	adjective	adverb
stagnate	stagnation	stagnant	stagnantly
deviate	deviation/ deviance/ deviancy	deviant	X
negotiate	negotiation	negotiable	X
facilitate	facilitation	facilitative	X
moralise	mores	(im)moral/ moralistic	(im)morally
reciprocate	reciprocation	reciprocal	reciprocally
X	incessancy	incessant	incessantly
(dis)satisfy	(dis)satisfaction	(dis/un)satisfactory/ (dis/un)satisfied/ (dis/un)satisfying	satisfactorily

c

1. B
2. A
3. D

d

1. C
2. E
3. B
4. C
5. E

8.4 GLOBAL ISSUES

a

1. B
2. A
3. C
4. B
5. B
6. C
7. B
8. A
9. C
10. A

b

1. irrigation
2. bleakly
3. sanitise
4. inordinate
5. deterioration

c

1. C
2. D
3. A

d

D

e

C

END-OF-THEME TEST 1 ANSWER KEY

1. D	9. C	17. D	25. A	33. E
2. C	10. D	18. B	26. C	34. D
3. B	11. C	19. A	27. E	35. D
4. E	12. B	20. E	28. B	36. A
5. A	13. B	21. D	29. C	37. C
6. E	14. E	22. A	30. D	38. E
7. A	15. D	23. A	31. C	39. D
8. B	16. C	24. B	32. A	40. E

END-OF-THEME TEST 2 ANSWER KEY

1. C	9. E	17. A	25. C	33. C
2. D	10. B	18. D	26. E	34. A
3. C	11. E	19. B	27. A	35. C
4. A	12. D	20. E	28. D	36. B
5. A	13. D	21. D	29. E	37. D
6. B	14. B	22. D	30. A	38. C
7. D	15. C	23. C	31. E	39. B
8. E	16. D	24. B	32. D	40. B

END-OF-THEME TEST 3 ANSWER KEY

1. C	9. B	17. D	25. B	33. C
2. C	10. D	18. A	26. A	34. C
3. D	11. D	19. E	27. D	35. A
4. B	12. A	20. D	28. E	36. B
5. D	13. D	21. E	29. A	37. C
6. A	14. B	22. B	30. C	38. D
7. E	15. E	23. E	31. D	39. D
8. C	16. B	24. E	32. C	40. B

END-OF-THEME TEST 4 ANSWER KEY

1. A	9. A	17. C	25. B	33. E
2. B	10. E	18. A	26. C	34. D
3. C	11. D	19. D	27. C	35. D
4. A	12. E	20. B	28. A	36. C
5. D	13. A	21. B	29. E	37. C
6. C	14. D	22. D	30. C	38. D
7. B	15. B	23. C	31. D	39. D
8. E	16. E	24. E	32. B	40. E

END-OF-THEME TEST 5 ANSWER KEY

1. A	9. B	17. E	25. D	33. D
2. E	10. A	18. B	26. A	34. B
3. D	11. B	19. C	27. E	35. C
4. C	12. E	20. C	28. B	36. E
5. C	13. A	21. E	29. A	37. E
6. D	14. C	22. B	30. E	38. D
7. E	15. D	23. B	31. C	39. D
8. B	16. A	24. E	32. D	40. E

END-OF-THEME TEST 6 ANSWER KEY

1. E	9. A	17. C	25. A	33. D
2. C	10. D	18. A	26. D	34. D
3. B	11. C	19. B	27. E	35. B
4. A	12. E	20. E	28. A	36. B
5. B	13. B	21. C	29. C	37. E
6. D	14. D	22. E	30. D	38. E
7. C	15. A	23. A	31. A	39. B
8. E	16. C	24. B	32. C	40. A

END-OF-THEME TEST 7 ANSWER KEY

1. D	9. B	17. C	25. C	33. B
2. B	10. E	18. E	26. E	34. B
3. E	11. A	19. B	27. E	35. C
4. E	12. C	20. D	28. D	36. E
5. C	13. B	21. E	29. A	37. D
6. A	14. B	22. C	30. C	38. D
7. C	15. A	23. B	31. A	39. A
8. D	16. A	24. A	32. D	40. E

END-OF-THEME TEST 8 ANSWER KEY

1. D	9. A	17. B	25. E	33. C
2. C	10. D	18. A	26. C	34. B
3. B	11. A	19. A	27. D	35. D
4. A	12. D	20. C	28. E	36. E
5. A	13. E	21. E	29. C	37. C
6. E	14. B	22. B	30. D	38. C
7. E	15. C	23. D	31. A	39. D
8. D	16. D	24. B	32. A	40. B

ONLINE AND VISUAL REFERENCES

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