

Verbal Ability and Reading Comprehension

DPP: 9

Revision - Sentence Odd One Out

Q1 Five sentences related to a topic are given below. If organized in a coherent manner these sentences will form a meaningful paragraph. Pick the odd one out of the options.

1) Ted Hoff's invention of the microprocessor revolutionized the computer by integrating multiple components onto a single chip in the early 1970s.

2) Charles Babbage's design for the Analytical Engine came out in the 19th century and it laid the conceptual groundwork for modern computers.

3) The first electronic general-purpose computer, ENIAC, was developed during world war 2 and it marked a significant milestone in computing history.

4) As a result, today's smartphones are also equipped with powerful processors and versatile functionalities making our work easier.

5) The emergence of personal computers in the 1980s brought computing capabilities to individuals and many others.

Q2 Five sentences related to a topic are given below. If organized in a coherent manner these sentences will form a meaningful paragraph. Pick the odd one out of the options.

1) Some expressions and sayings that have a certain meaning in one language but change when you literally translate them to another language. This is a very common translation mistake, known as False friend.

2) More and more businesses are looking to grow internationally, enter new markets and cut costs. Translation services have therefore

become very useful to these companies looking to establish themselves overseas.

3) Accurate translation helps to cross a communication gap that could exist between buyer and seller, when a company has just moved into another country.

4) As the world is increasing globally, translation is becoming more and more important. Strong communication among different types of industries is key, and the importance of translators is rising.

5) This is because skilled professional translators can build the customers' trust in a company through personalized translation, as the customers would feel assured that they are fully informed with regard to the goods and services offered by the company.

Q3 Five sentences related to a topic are given below. If organized in a coherent manner these sentences will form a meaningful paragraph. Pick the odd one out of the options.

1) In 1989 Robertson proposed that the dynamic systems theory be applied to life-span motor development research.

2) Furthermore, these movement patterns or motor skills need to be performed in interaction with the environment and in response to diverse stimuli, an ability that is defined as praxis.

3) Motor development includes the evolution from reflexive to voluntary and goal-directed motor actions. These motor actions are never performed in isolation but always in a varying physical environment, often requiring object and social interaction.

4) In this chapter, definitions are provided for the different components of motor function,



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motor skills, and praxis. The close interaction between perception, cognition, and (motor) action is discussed.

5) For a child to function within this context, they require the ability to demonstrate skillful, efficient, and voluntary postures and movement patterns.

Q4 Five sentences related to a topic are given below. If organized in a coherent manner these sentences will form a meaningful paragraph. Pick the odd one out of the options.

1) Most new moms experience postpartum "baby blues" after childbirth, which commonly include mood swings, crying spells, anxiety and difficulty sleeping. Baby blues usually begin within the first 2 to 3 days after delivery and may last for up to two weeks.

2) You need time to recover. In addition to rest, you need to eat a healthy diet to help you do that. The weight gained in pregnancy helps build stores for your recovery and for breastfeeding.

3) The birth of a baby can start a variety of powerful emotions, from excitement and joy to fear and anxiety. But it can also result in something you might not expect – depression.

4) But some new moms experience a more severe, long-lasting form of depression known as postpartum depression.

5) Sometimes it's called peripartum depression because it can start during pregnancy and continue after childbirth. Rarely, an extreme mood disorder called postpartum psychosis also may develop after childbirth.

Q5 Five sentences related to a topic are given below. If organized in a coherent manner these sentences will form a meaningful paragraph. Pick the odd one out of the options.

1) In the process of learning or changing behaviour, establishing new associations between stimuli and responses is fundamental. Indeed, observable and measurable changes in

behaviour typically result from controlled changes in an individual's environment that allow for novel responses to preexisting stimuli.

2) Insight into how organisms respond to various stimuli, which may occur through conscious or subconscious processing, is valuable in addressing behaviour-related phenomena and in guiding learning of new behaviours.

3) Stimulus-response theory developed from early conceptions of conditioning, a behavioral process whereby a response becomes more frequent or more predictable in a given environment as a result of reinforcement.

4) Behaviour often is a reflection of the way in which stimuli influence internal factors, such as sensation and emotion, and may be further determined by individual experiences, including early life experiences and observed experiences.

5) The Renaissance brought about a revolution in the field of human anatomy, including new insights into the nature and characteristics of human sexual organs and sexual behaviour.

Q6 Five sentences related to a topic are given below. If organized in a coherent manner these sentences will form a meaningful paragraph. Pick the odd one out of the options.

1) Our Paralympians are inspiring future generations; however, they are also part of a wider movement that is helping to transform the lives of others, helping to change attitudes towards disabled people.

2) Since 1968 New Zealand Paralympic Teams have stunned supporters and competing nations with their determination, heart, and courage and ultimately, their success.

3) 209 Paralympians have contributed to New Zealand Paralympic Teams success so far by representing Kiwis with pride and dignity and bringing home a staggering 221 medals across 24 Paralympic Games.

4) At Olympia, however, the Herean festival, held every four years in honour of the goddess



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Hera, included a race for young women, who were divided into three age groups.

5) The Paralympic Games are not only an integral part of the worldwide sporting calendar, but they also play an important role in inspiring others to think differently about disability as the largest event worldwide for driving social change.

Q7 Directions: Determine which sentence is the odd one out.

1. A basketball team thrives when each player's unique skills complement the others, creating a dynamic and fluid gameplay.
2. The role of a coach is crucial in devising strategies that utilize the strengths of all team members rather than focusing on one star player. **trap**
3. Basketball games are often won by the team that best executes their plays, indicating the importance of teamwork over individual scoring.
4. In basketball, the ultimate goal scorer is often considered the most valuable player, overshadowing the contributions of their teammates.

how to play basketball but not significantly

Q8 Directions: Determine which sentence is the odd one out.

1. Mineral oils, mixtures of higher alkanes derived from petrochemical sources, are commonly used as lubricants in various industrial applications.
2. Being hydrophobic, alkane oils are frequently utilized in the cosmetics industry to create moisture barriers for skin and hair care products.
3. The refinement process of mineral oils typically involves advanced filtration and distillation to ensure the removal of impurities and toxins.
4. Oils such as Tea tree and Lavender essential oils are also often distilled to separate the

odd one out

desired compounds from water-soluble components, providing concentrated oils for therapeutic use.

Q9 Directions: Read the following statements and identify the one that does not fit in.

1. Mitochondrial dysfunction accumulates over time and is implicated in the reduced cellular energy production seen in aging tissues.
2. The accumulation of senescent cells contributes to aging by secreting pro-inflammatory factors that drive age-related tissue deterioration.
3. Non-coding RNAs play a critical role in the post-transcriptional regulation of gene expression during the aging process.
4. DNA transcription, through the formation of the transcription initiation complex, is fundamental to the expression of genetic traits in living organisms.

Q10 Directions: Read the following sentences and identify the one that doesn't fit the theme.

1. The development of LED lighting offered a highly energy-efficient alternative to traditional incandescent bulbs.
2. The invention of the laser provided a powerful tool for precision cutting, medical surgeries, and data storage.
3. Photovoltaic cells revolutionized the generation of electric power by converting sunlight directly into electricity. **trap**
4. The creation of the MRI machine utilized strong magnetic fields and radio waves to produce detailed images of the inside of the body.

Q11

Directions: Read the following statements and identify the one that does not fit in.

1. The Krebs cycle, a key component of cellular respiration, facilitates the



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conversion of nutrients into energy within mitochondria.

- 2** Telomeres, protective caps at the end of chromosomes, shorten with each cell division, contributing to the cellular aging process.
- 3** Oxidative stress, resulting from an imbalance between free radicals and antioxidants, is recognized as a significant contributor to age-related damage.
4. The Hardy-Weinberg equilibrium, a principle in population genetics, describes the stable distribution of allele frequencies over generations in an idealized population.

Q12 Directions: Read the following statements and identify the one that does not fit in.

1. In prokaryotic cells, plasmids are small, circular DNA molecules that can independently replicate and carry accessory genes.
- 2** The circadian rhythm, governed by internal biological clocks, influences various physiological processes, including sleep-wake cycles.
3. The Law of Segregation, proposed by Gregor Mendel, states that each individual has two alleles for each gene, one inherited from each parent.
4. Serotonin, a neurotransmitter, is involved in mood regulation and is targeted by certain antidepressant medications.

Q13 Directions: Read the following statements and identify the one that does not fit in.

1. Glycolysis, a metabolic pathway, involves the breakdown of glucose into pyruvate, generating ATP as an energy source for cells.
2. Pheromones, chemical signals released by organisms, play a crucial role in

communication and behavioral responses within a population.

- 3** The Second Law of Thermodynamics states that the entropy of an isolated system tends to increase over time.
4. Symbiotic relationships, such as mutualism and commensalism, exemplify the interconnectedness of different species in ecological communities.

Q14 Directions: Read the following statements and identify the one that does not fit in.

1. The placebo effect, a psychological phenomenon, demonstrates that a patient's belief in a treatment can influence its effectiveness.
2. Osmosis, a biological process, involves the movement of water across a semi-permeable membrane from an area of lower solute concentration to an area of higher solute concentration.
- 3** The McCarthy hearings, a series of investigations in the 1950s, sought to expose alleged communist infiltration in the United States government.
4. The Hubble Space Telescope, launched by NASA, has provided astronomers with unparalleled views of distant galaxies and cosmic phenomena.

Q15 Directions: Read the following statements and identify the one that does not fit in.

1. Cellular mitosis, a process of cell division, results in the formation of two genetically identical daughter cells from a single parent cell.
2. The Pythagorean theorem, a fundamental principle in geometry, states that in a right-angled triangle, the square of the hypotenuse is equal to the sum of the squares of the other two sides.
3. Enzymes, biological catalysts, accelerate chemical reactions in living organisms



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without being consumed in the process.

4. The Industrial Revolution, a period of rapid industrialization, led to significant social and economic changes in the 18th and 19th centuries.

Q16 Directions: Read the following statements and identify the one that does not fit in.

1. Game theory, a branch of mathematics and economics, analyzes strategic interactions and decision-making among rational actors.
2. The Uncertainty Principle, formulated by Werner Heisenberg, states that the more precisely the position of a particle is known, the less precisely its momentum can be determined.
3. The Human Genome Project, an international research initiative, aimed to map and sequence all the genes in the human genome.
4. Chaos theory, a mathematical concept, explores the behavior of complex and dynamic systems that are highly sensitive to initial conditions.

Q17 Directions: Read the following statements and identify the one that does not fit in.

1. The Hardy-Weinberg equilibrium, a principle in population genetics, describes the stable distribution of allele frequencies over generations in an idealized population.
2. The Treaty of Versailles, signed in 1919, imposed harsh penalties on Germany and formally ended World War I.
3. Non-Euclidean geometry, a branch of mathematics, explores geometries that differ from classical Euclidean geometry in terms of parallel lines and angles.
4. CRISPR-Cas9, a revolutionary gene-editing technology, allows precise modification of DNA sequences in living organisms.

Q18

Directions: Read the following statements and identify the one that does not fit in.

1. Dark matter, a hypothetical form of matter, does not emit, absorb, or reflect light and is believed to constitute a significant portion of the total mass in the universe.
2. Gödel's incompleteness theorems, formulated by Kurt Gödel, demonstrate that within any consistent mathematical system, there exist true statements that cannot be proven.
3. The Battle of Thermopylae, fought in 480 BCE, was a key engagement between the Greek city-states and the Persian Empire during the Greco-Persian Wars.
4. Quantum entanglement, a phenomenon in quantum mechanics, describes the correlation between particles where the state of one particle instantaneously influences the state of another, regardless of distance.

Q19 Directions: Read the following statements and identify the one that does not fit in.

1. Plate tectonics, a geological theory, explains the movement of Earth's lithospheric plates, leading to phenomena such as earthquakes and volcanic activity.
2. The Fibonacci sequence, a mathematical pattern, is characterized by each number being the sum of the two preceding ones, leading to a sequence like 0, 1, 1, 2, 3, 5, 8, 13, ...
3. The Battle of Hastings, fought in 1066, marked the Norman conquest of England and had significant historical implications.
4. The Doppler effect, a phenomenon in physics, describes the change in frequency or wavelength of a wave in relation to an observer moving relative to its source.

Q20 Directions: Read the following statements and identify the one that does not fit in.



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1. Photosystem II, a complex of proteins and pigments in plants, plays a crucial role in the light-dependent reactions of photosynthesis.
2. Chaos theory, a mathematical concept, explores the behavior of dynamic systems that are highly sensitive to initial conditions, leading to complex and unpredictable outcomes.
3. The Higgs boson, a subatomic particle, was experimentally confirmed in 2012 and is associated with giving mass to other fundamental particles.
4. The Treaty of Westphalia, signed in 1648, marked the end of the Thirty Years' War and established principles of state sovereignty in international relations.

Q21 Directions: Read the following statements and identify the one that does not fit in.

1. Event Horizon Telescope (EHT), a global scientific collaboration, captured the first image of a black hole in the center of the galaxy M87.
2. Scientists around the world are tirelessly searching for signs of extraterrestrial life beyond our planet's boundaries.
3. The Drake Equation, proposed by astronomer Frank Drake, estimates the number of active, communicative extraterrestrial civilizations in the Milky Way galaxy.
4. The Magna Carta, signed in 1215, is a foundational legal document that limited the powers of the monarchy in medieval England.

Q22 Directions: Read the following statements and identify the one that does not fit in.

1. The Gini coefficient, a measure of income inequality within a population, provides insights into the distribution of wealth.
2. The Great Wall of China, a UNESCO World Heritage Site, served as a military defense

structure during various dynasties in ancient China.

3. Gross Domestic Product (GDP), a key economic indicator, measures the total value of all goods and services produced within a country's borders in a specific time period.
4. The Silk Road, an ancient network of trade routes, facilitated cultural exchange and economic interactions between Asia and Europe.

Q23 Directions: Read the following statements and identify the one that does not fit in.

1. Ohm's Law, a fundamental principle in physics, describes the relationship between voltage, current, and resistance in an electrical circuit.
2. Wolfgang Amadeus Mozart's Symphony No. 40, a masterpiece of classical music, is known for its intense emotional expression and innovative use of form.
3. Planck's constant, a fundamental constant in quantum mechanics, relates the energy of a photon to its frequency.
4. The Doppler effect, a phenomenon in physics, explains the change in frequency or wavelength of a wave in relation to an observer's motion.

Q24 Directions: Read the following statements and identify the one that does not fit in.

1. The Treaty of Versailles, signed in 1919, marked the end of World War I and imposed significant penalties on Germany.
2. The Krebs cycle, a biochemical process, is essential for the production of energy in the form of ATP within cellular mitochondria.
3. Scientists have discovered a novel genetic mechanism that enables targeted gene editing without introducing double-strand breaks, revolutionizing the precision and safety of genetic engineering techniques.



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4. Watson and Crick's discovery of the double helix structure of DNA in 1953 revolutionized the understanding of genetic information.

Q25 Directions: Determine which sentence is the odd one out.

1. Excessive exposure to loud music can lead to long-term hearing loss, a condition often unnoticed until it becomes severe.
2. The ubiquity of music in public spaces, like shopping centers and restaurants, can lead to overstimulation and contribute to stress.
3. Listening to music with lyrics while studying or working can impair cognitive performance due to divided attention.
4. **Music therapy is often used to treat anxiety and depression, which can have unfortunate effects on all realms of life.**
5. Frequent use of headphones for music listening may result in social isolation, as it reduces opportunities for real-world interactions.

Q26 Directions: Read the following statements and identify the one that does not fit in.

1. The Treaty of Westphalia, signed in 1648, is a key event in political science, establishing the principles of state sovereignty and non-intervention.
2. James Clerk Maxwell's equations in electromagnetism fundamentally transformed our understanding of the behavior of electric and magnetic fields.
3. John Locke's social contract theory in political philosophy posits that individuals form societies through a mutual agreement to protect natural rights.
4. Albert Einstein's theory of relativity revolutionized physics by showing that time and space are interconnected and not absolute.

Q27

Directions: Read the following statements and identify the one that does not fit in.

1. Adam Smith's invisible hand theory in economics posits that individuals pursuing their self-interest unintentionally contribute to the overall economic well-being.
2. A significant cost is incurred every year to fight the greenhouse effect, a phenomenon in ecology, that involves the trapping of heat in the Earth's atmosphere, contributing to global warming.
3. The law of supply and demand, a fundamental economic principle, describes the relationship between the availability of a good and its market price.
4. The principle of comparative advantage suggests that nations can benefit from specializing in the production of goods and services in which they have a lower opportunity cost relative to other countries, ultimately fostering more efficient global trade.

Q28 Directions: Read the following statements and identify the one that does not fit in.

1. The Battle of Waterloo, fought in 1815, marked the final defeat of Napoleon Bonaparte and had significant implications for European history.
2. The fall of the Berlin Wall in 1989 not only symbolized the end of the Cold War but also ushered in a new era of geopolitical realignment, fostering unprecedented opportunities for democracy, economic cooperation, and global integration.
3. The Renaissance, a period of cultural and artistic flourishing, emerged in Italy during the 14th century and later spread across Europe.
4. Mount Everest, located in the Himalayas, is the world's highest peak, attracting climbers from around the globe.



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Q29 Directions: Read the following statements and identify the one that does not fit in.

1. Vincent van Gogh's painting "Starry Night" is often analyzed in the context of the artist's mental health, exploring the intersection of art and neuroscience.
2. Santiago Ramón y Cajal's work in neuroscience laid the foundation for understanding the structure and function of neurons in the nervous system.
3. The Renaissance art movement, characterized by a revival of classical art, had a profound impact on the cultural and artistic landscape of Europe.
4. The concept of neuroplasticity in neuroscience suggests that the brain has the ability to reorganize itself and form new neural connections throughout life.

Q30 Directions: Read the following statements and identify the one that does not fit in.

1. William Shakespeare's play "Macbeth" explores the psychological impact of unchecked ambition on an individual's morality and mental state.
2. "The Silent Patient" by Alex Michaelides is a captivating novel that delves into the intricacies of the human mind.
3. Virginia Woolf's novel "Mrs. Dalloway" employs stream of consciousness as a narrative technique, delving into the complex thoughts and emotions of its characters.
4. B.F. Skinner's behaviorist theory in psychology emphasizes the role of reinforcement and punishment in shaping behavior.



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Answer Key

| | |
|-----|---|
| Q1 | 4 |
| Q2 | 1 |
| Q3 | 5 |
| Q4 | 2 |
| Q5 | 5 |
| Q6 | 4 |
| Q7 | 4 |
| Q8 | 4 |
| Q9 | 4 |
| Q10 | 4 |
| Q11 | 4 |
| Q12 | 3 |
| Q13 | 3 |
| Q14 | 3 |
| Q15 | 4 |

Q10 4 → done

| | |
|-----|---|
| Q16 | 3 |
| Q17 | 2 |
| Q18 | 3 |
| Q19 | 3 |
| Q20 | 4 |
| Q21 | 4 |
| Q22 | 2 |
| Q23 | 2 |
| Q24 | 1 |
| Q25 | 4 |
| Q26 | 1 |
| Q27 | 2 |
| Q28 | 4 |
| Q29 | 3 |
| Q30 | 4 |

7 correct / 3 wrong

4 1 0 2 5 4 2 4 4 3 →
 ↓
 7 correct / 3 wrong

My Ans for Q1-Q10

12
 4 2 3 3 4 3 2 3 3 4
 ↓
 3

9 correct
 1 wrong

all correct

→ last 10ques



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Hints & Solutions

Q1 Text Solution:

Essence of the question:

Here five sentences are given, in which four sentences are related to each other and can form a paragraph, however one does not relate to them and we need to find out that sentence.

Explanation for the correct answer:

4. This sentence speaks about smartphones that are equipped with powerful processors and versatile functionalities. However, other sentences talk about computers, especially ENIAC, its engine and working.. The other sentences are talking about the foundations laid for the historical evolution of computers. Though the sentences talk about technology and microprocessor all those are leading to a single topic which is underlining the history of computers. Also, the functionalities and processor used in the smartphones are not a result of these evolutions. As the fourth statement does not relate to the topic, we can consider it an odd one out and it is the correct answer.

Explanation for incorrect answers:

Sentence two introduces the topic by saying that Charles Babbage's designed the Analytical Engine that turned out to be ground for modern computers. Sentence three continues the same concept and states that the first electronic general-purpose computer, ENIAC was developed during world war 2. It shows they are connected. Sentence one talks about one more invention of the microprocessor that revolutionized computer generation. As it discusses inventions related to the same field, it shows a link. Sentence five discusses emergence of personal computers, shows continuity of the same topic after discussing earlier computers. Thus, all these

sentences are connected and cannot be the answer.

Trap of the question:

Here we need to analyze the topic and logic of sentences. By understanding the main topic, we can crack this question.

Q2 Text Solution:

Essence of the question:

Here five sentences are given, in which four sentences are related to each other and can form a paragraph, however one does not relate to them and we need to find out that sentence.

Explanation for the correct answer:

1. It talks about the technicality of translation. It explained that when you literally translate some expressions from one language to another, its meaning changes and this is called false friend. It discusses mistakes during translation, however other sentences discuss translations and how it is helpful in communication and business.

Explanation for incorrect answers:

Sentence four introduces the topic that the importance of translators is rising as business is growing globally. Sentence three talks about how translation helps to cross a communication gap that could exist between buyer and seller, showing the continuity of the topic. Sentence five says that skilled professional translators can build trust among translators and the customers would also feel assured about the services offered. Sentence two talks about businesses growing internationally. It says that translation services are useful to these companies which are trying to establish themselves outside the country.

Trap of the question:

Here the trap lies in identifying sentences, based on the topic as all the given sentences are based on the same topic i.e. translation but



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we need to find out the connectivity among these sentences. The sentence which does not relate to the flow, will be the answer.

Q3 Text Solution:

Essence of the question:

Here five sentences are given, in which four sentences are related to each other and can form a paragraph, however one does not relate to them and we need to find out that sentence.

Explanation for the correct answer:

5. This sentence talks about how a child can function in the given context as they need abilities to demonstrate skillful, efficient, and voluntary postures and movement patterns. However, other sentences discuss motor development, its theory, pattern and skills but do not find any clue about the child or its abilities. Thus, in the context of the child, it is the odd one out and the right answer.

Explanation for incorrect answers:

Sentence one says in 1989 Roberton proposed the dynamic systems theory related to motor development research. Sentence three explains motor development, an evolution from reflexive to voluntary and goal-directed motor actions. Sentence two discusses further about the topic that motor skills need to be performed in interaction with the environment and in response to diverse stimuli. Sentence four talk about different components of motor function, motor skills, and praxis, which are discussed earlier. Thus, all these sentences are connected.

Trap of the question:

Here we shall pay attention to the words used in the given sentences. These words will provide clues for links and disconnectivity.

Q4 Text Solution:

Essence of the question:

Here five sentences are given, in which four sentences are related to each other and can form a paragraph, however one does not relate to them and we need to find out that sentence.

Explanation for the correct answer:

2. This sentence is odd because it shifts the focus from discussing postpartum emotions and depression to providing advice about recovery after childbirth. The other sentences primarily discuss the emotional experiences of new mothers, particularly related to postpartum "baby blues" and postpartum depression. The odd sentence provides practical advice for physical recovery and doesn't directly relate to the topic of emotional experiences and depression, making it stand out in terms of its content.

Explanation for incorrect answers:

Sentence three says that the birth of a baby can start a variety of powerful emotions and sometimes depression. Sentence one continues the topic and says that new moms experience postpartum "baby blues" after childbirth that includes mood swings, anxiety etc. Sentence four explains some new moms feeling a long-lasting form of depression known as postpartum depression, it discusses the same concept of depression. Sentence five says sometimes it's called peripartum depression, here it stands for the depression which new moms face. This shows that all of them are connected.

Trap of the question:

Proper analysis of the flow of sentences and topics is a must. As the rest of the sentences talk about psychological problems such as depression and the odd one out sentence talk about health recovery.

Q5 Text Solution:

Essence of the question:

Here five sentences are given, in which four sentences are related to each other and can form a paragraph, however one does not relate to them and we need to find out that sentence.

Explanation for the correct answer:



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5. It talks about a revolution in the field of human anatomy that discusses characteristics of human sexual organs and sexual behavior. Rest of the sentences discuss stimulus-response theory, behavioral processes, and learning. Thus, discussion of this theory on human sexual organs and sexual behavior, makes it different and this is the correct answer.

Explanation for incorrect answers:

Sentence three says about Stimulus-response theory that discusses behavior processes and how response is generated. Sentence two addresses behavior-related phenomena and how organisms respond to it. Sentence four again talks about the same issue that behavior often is a reflection of the way in which stimuli influence internal factors. Sentence one discusses the process of learning that changing behavior, establishing new associations between stimuli and responses is fundamental. All these sentences are based on the topic of behavior and how responses are generated. Thus, all are linked.

Trap of the question:

Sentence five discusses behavior in context of another issue i.e. human sexual organs, however other sentences talk about behavior in different context, they discuss technicality of the behavior process.

Q6 Text Solution:

Essence of the question:

Here five sentences are given, in which four sentences are related to each other and can form a paragraph, however one does not relate to them and we need to find out that sentence.

Explanation for the correct answer:

4. This sentence is odd because it introduces a historical context, it discusses the Heraean festival in Olympia and this issue is completely unrelated to the previous sentences, which primarily discuss the

significance of the Paralympic Games and the achievements of New Zealand Paralympic Teams. The odd sentence provides information about a different historical event and doesn't directly relate to the main theme of the text, making it stand out in terms of its content and subject matter. This is the correct answer:

Explanation for incorrect answers:

Sentence five introduces the topic of the Paralympic Games, it inspires others to think differently about disability. Sentence two speaks on the success of New Zealand Paralympic Teams. Sentence three mentioned that New Zealand Paralympic Teams won 221 medals across 24 Paralympic Games. Sentence one discusses the future of Paralympians and how these games help in changing attitudes towards disabled people. All these sentences discuss the Paralympic Games, the teams and how they are helpful for social changes.

Trap of the question:

We shall focus on the issues discussed in sentences. As these issues will provide clues to find out the odd one out sentence from the given five sentences.

Q7 Text Solution:

Essence of the Question: Our job is to find the sentence that doesn't fit with the common idea from the sentences. It's about catching the odd one out based on the theme, not the nitty-gritty of basketball rules or history.

Explanation for the Correct Answer: The answer, which sticks out is 4. This one's sneaky because it talks about value and scoring, which seems right at home in basketball. But the key is in the detail – it's saying the top scorer is the MVP, and that's just not in line with the teamwork emphasis in the other sentences.

Trap of the Question: The trap is if you get distracted by the talk of scorers and MVPs. Another easy trap is to think option 2 is odd because of the mention of coaches – however,



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since in this context coaches are mentioned for the purpose of team-building, it is actually in line with the other sentences.

Q8 Text Solution:

Essence of the Question: The ask is to pick out the sentence that is just not like the others. This question seems technical, but it's actually more about reading carefully and understanding the nature of mineral oils.

Explanation for the Correct Answer: The odd one out is number 4 – Essential oils are not the same thing as mineral oils. The other sentences, they're all talking about mineral oils being used in industry and cosmetics, how they're made – that's their world. But essential oils, like tea tree and lavender, those are plant-based, natural oils. They're not in the same category as mineral oils – which are all petrochemicals.

Explanation for the Incorrect Answers:

- Sentence 1 is spot on about industrial use of mineral oils.
- Sentence 2, that's a big yes for the cosmetics use because they keep water out – and is related to mineral oils of course.
- And sentence 3, about refining, that's what you do with mineral oils – you clean them up to make sure they're safe.

Trap of the Question: The trap could be that technical twist and words used. If you're not comfortable with the chemistry or industry jargon, sentence 3 might seem like the odd one out because it's the most technical. But don't get tangled up in the words. It's not about being a scientist; it's about knowing what fits with mineral oils and what doesn't. Essential oils, despite the name, are not the essential aspect of mineral oils.

Q9 Text Solution:

What the Question Asks:

The question requires identifying which of the listed statements does not directly relate to the biological theories of aging.

Mention the approach a candidate should adopt:

The candidate needs to discern between processes that are specific to aging and those that are general biological processes. This involves recognizing that aging is characterized by a decline in biological function and an increase in molecular damage over time.

Explanation for the Correct Option:

Upon analyzing the options, Option 4 stands out as it describes a process fundamental to all cellular activity, not just aging. DNA transcription is a basic biological mechanism that happens in all cells, whether they are aging or not. This process is necessary for the expression of genes throughout an organism's life and does not directly pertain to the aging process, which is characterized by degradation and decline, not the ongoing functionality of gene expression.

Incorrect Options:

- **1:** This option is incorrect because mitochondrial dysfunction is a recognized contributor to the aging process. As cells and tissues age, mitochondria can become less efficient, contributing to the decline in cellular energy production associated with aging. Aspirants might dismiss this option due to the association of mitochondria with energy rather than aging
- **2:** This option is also incorrect as an odd one out because senescent cells are directly linked to aging. They accumulate as an organism ages and have been shown to contribute to the aging process through pro-inflammatory factors. The term 'senescent cells' might be mistaken for a process occurring in all cells, not specifically related to aging.
- **3:** Again, this option is incorrect because non-coding RNAs have been implicated in the regulation of gene expression related to aging. They are a part of the complex network of molecular changes that occur as



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an organism ages. The role of non-coding RNAs might be overlooked as a general genetic process rather than one that changes with aging.

While Options 1, 2, and 3 are intricately linked to the decline and molecular changes that come with aging, Option 4 stands apart. It describes a fundamental process of life that does not change as a result of aging.

Trap of the Question:

The trap lies in Option 4's technical description of DNA transcription, which might appear related to aging due to its complexity and biological context. However, it is a universal cellular process, making it the odd one out when specifically discussing aging.

Q10 Text Solution:

Correct Option: 4

What the Question Asks: This question is asking you to pinpoint the advancement that is not centered on visible light technology but rather belongs to a different segment of the electromagnetic spectrum or a different form of energy application.

Approach a Candidate Should Adopt: To solve this question, one must not only identify the technological advancements listed but also understand the fundamental energy form each technology primarily utilizes. The correct approach is to differentiate between the technologies that use visible light and those that do not.

Explanation for the Correct Option: Option D is the correct answer, as the MRI machine's primary technology is based on magnetic fields and radio waves, which are fundamentally different from visible light. While magnetic resonance imaging is a revolutionary medical imaging technique, it does not involve visible light technology in its operation. Instead, it uses radio waves within the magnetic fields to create images, setting it apart from the other

options that are explicitly tied to visible light applications.

All the Incorrect Options:

- 1 discusses LED lighting, which is a direct application of visible light technology, hence it fits the theme and is not the odd one out.
- 2 is about lasers, which are a quintessential use of light in various fields, including medicine and data storage, again aligning with the theme.
- 3 speaks about photovoltaic cells, which convert sunlight, a natural source of visible light, into electricity, making it another correct match to the theme. Option 3 might seem like an odd one out to some aspirants because the conversion to electricity could be mistakenly thought of as non-light technology. However, the key operation of photovoltaic cells—converting sunlight—relies entirely on visible light.

When compared with 4, Options 1, 2, and 3 all distinctly involve visible light, either through its creation, manipulation, or direct application. Option 4, however, does not fit into this category because it operates on a different principle, using the non-visible spectrum for imaging purposes.

Trap of the Question: The trap in this question lies in the detailed understanding of what constitutes visible light technology. Option D might be tempting to overlook because MRI is often associated with the non-invasive viewing inside the body, which could be confused with light-based imaging techniques. The key to not being misled is to recognize that MRIs do not function on the principles of visible light but on magnetic resonance.

Q11 Text Solution:

Essence of the Question: This question tests your ability to identify the statement that does not fit in with the others in the context of biological processes and principles.



Explanation for Correct Answer: The correct answer is "The Hardy-Weinberg equilibrium, a principle in population genetics, describes the stable distribution of allele frequencies over generations in an idealized population." This statement is about population genetics, which is not directly related to cellular processes or aging. The other statements are focused on cellular respiration (Krebs cycle), cellular aging (telomeres), and age-related damage (oxidative stress).

Explanation for Incorrect Answers:

- The Krebs cycle is a part of cellular respiration, involving the conversion of nutrients into energy within mitochondria. This is consistent with cellular processes.
- Telomeres shortening with each cell division and contributing to the cellular aging process is consistent with the theme of cellular aging and is in line with the other statements.
- Oxidative stress resulting from an imbalance between free radicals and antioxidants is a well-established concept related to cellular damage and aging, aligning with the overall theme of the statements.

Trap of the Question: The trap lies in the inclusion of the statement about the Hardy-Weinberg equilibrium, which deals with population genetics, while the other statements are focused on cellular and molecular processes related to cellular respiration and aging. This may distract the reader who is primarily looking for statements related to cellular biology and aging processes.

Q12 Text Solution:

Essence of the Question: This question assesses your ability to identify the statement that does not align with the others in the context of cellular and genetic processes.

Explanation for Correct Answer: The correct answer is "The Law of Segregation, proposed by Gregor Mendel, states that each individual

has two alleles for each gene, one inherited from each parent." This statement is about classical genetics and inheritance principles, while the other statements focus on cellular and molecular processes (plasmids in prokaryotic cells, circadian rhythm, chromatin remodeling, serotonin as a neurotransmitter).

Explanation for Incorrect Answers:

1. This is incorrect. In prokaryotic cells, plasmids are small, circular DNA molecules that can independently replicate and carry accessory genes. This statement is consistent with the theme of genetic material in prokaryotic cells.
2. This is incorrect. The circadian rhythm, governed by internal biological clocks, influences various physiological processes, including sleep-wake cycles. This statement is related to the biological regulation of physiological functions.
4. This is incorrect. Serotonin, a neurotransmitter, is involved in mood regulation and is targeted by certain antidepressant medications. This statement is related to neurotransmission and mood regulation.

Trap of the Question: The trap lies in the inclusion of the statement about the Law of Segregation, which is a fundamental genetic principle. This may divert the attention of the reader who is primarily looking for statements related to cellular and molecular processes, leading them to overlook the genetic inheritance aspect in this context.

Q13 Text Solution:

Essence of the Question: This question aims to test your ability to identify the statement that does not align with the others concerning biological and physical principles.

Explanation for Correct Answer: The correct answer is "The Second Law of Thermodynamics states that the entropy of an isolated system tends to increase over time." This statement pertains to physical principles and thermodynamics, whereas the other statements



focus on biological processes (glycolysis), chemical communication (pheromones), and ecological relationships (symbiotic relationships).

Explanation for Incorrect Answers:

1. This is incorrect. Glycolysis, a metabolic pathway, involves the breakdown of glucose into pyruvate, generating ATP as an energy source for cells. This statement is related to cellular energy production.
2. This is incorrect. Pheromones, chemical signals released by organisms, play a crucial role in communication and behavioral responses within a population. This statement is related to chemical signaling and communication in organisms.
4. This is incorrect. Symbiotic relationships, such as mutualism and commensalism, exemplify the interconnectedness of different species in ecological communities. This statement focuses on ecological interactions and relationships between different species.

Trap of the Question: The trap lies in the inclusion of the statement about the Second Law of Thermodynamics, which is a fundamental principle in physics. This may distract the reader who is primarily looking for statements related to biological processes and ecological concepts. The question aims to assess the ability to discern between statements related to different scientific domains.

Q14 Text Solution:

Essence of the Question: This question assesses the ability to identify the statement that does not align with the others in terms of scientific principles, historical events, and academic disciplines.

Explanation for Correct Answer : The correct answer is "The McCarthy hearings, a series of investigations in the 1950s, sought to expose alleged communist infiltration in the United States government." This statement is about a

historical and political event, while the other statements are related to scientific principles (placebo effect, Heisenberg Uncertainty Principle, osmosis) and astronomy (Hubble Space Telescope).

Explanation for Incorrect Answers:

1. The placebo effect, a psychological phenomenon, demonstrates that a patient's belief in a treatment can influence its effectiveness. This statement is related to psychology and the placebo effect.
2. The Heisenberg Uncertainty Principle, a concept in quantum mechanics, asserts that it is impossible to simultaneously know the exact position and momentum of a particle. This statement is related to quantum mechanics and the inherent limitations in measuring certain properties of particles.
4. Osmosis, a biological process, involves the movement of water across a semi-permeable membrane from an area of lower solute concentration to an area of higher solute concentration. This statement is related to biology and cellular processes.

Trap of the Question: The trap lies in the historical and political context of the McCarthy hearings. It might be drawn to this statement due to its uniqueness compared to the others, potentially overlooking the emphasis on scientific principles and astronomy in the rest of the statements. The question aims to evaluate the ability to discern between statements from different academic disciplines.

Q15 Text Solution:

Essence of the Question: This question assesses the ability to discern statements from various academic disciplines and identify the one that does not align with the others in terms of subject matter.

Explanation for correct answer: The odd one out is "The Industrial Revolution, a period of rapid industrialization, led to significant social and economic changes in the 18th and 19th



centuries." This statement is about a historical and societal event, while the other statements are related to cellular biology (cellular mitosis), geometry (Pythagorean theorem), biochemistry (enzymes), and environmental science (greenhouse effect).

Explanation for incorrect answer:

1. This statement is incorrect because it discusses a biological process - the division of cells into two genetically identical daughter cells. It belongs to the field of biology.
2. This statement is incorrect because it presents a mathematical principle that deals with geometry, specifically in right-angled triangles. It belongs to the field of mathematics.
3. This statement is incorrect because it pertains to biology and biochemistry, explaining the role of enzymes as biological catalysts that accelerate chemical reactions in living organisms.

Trap of the Question: The trap lies in the inclusion of a statement about a historical and societal event (the Industrial Revolution) amidst statements related to scientific principles. Test-takers may be drawn to this statement due to its different context, potentially overlooking the emphasis on scientific principles in the rest of the statements. The question aims to evaluate the ability to distinguish between statements from different academic domains.

Q16 Text Solution:

Essence of the Question: This question assesses the ability to identify the statement that does not align with others in terms of scientific theories and mathematical principles.

Explanation for Correct Answer: The correct answer is "The Human Genome Project, an international research initiative, aimed to map and sequence all the genes in the human genome." This statement is about a specific

scientific project, whereas the other statements deal with theoretical frameworks and principles in physics and mathematics.

Explanation for Incorrect Answers:

1. This statement is related to mathematical modeling. Game theory is a mathematical framework used to study strategic interactions and decision-making in various fields, including economics.
2. This statement is a fundamental principle in quantum mechanics. The Heisenberg Uncertainty Principle is a key concept in quantum physics, emphasizing the limitations in simultaneously measuring certain pairs of properties.
4. This statement is related to mathematical modeling. Chaos theory is a mathematical concept that studies the behavior of complex systems, particularly those exhibiting sensitivity to initial conditions.

Trap of the Question: The trap lies in the inclusion of a statement about a specific scientific project (The Human Genome Project) amidst statements about theoretical frameworks and principles. Test-takers may be drawn to this statement due to its concrete nature, potentially overlooking the emphasis on theoretical principles in the rest of the statements. The question aims to evaluate the ability to distinguish between specific projects and broader scientific principles.

Q17 Text Solution:

Essence of the Question: This question assesses the ability to identify the statement that does not align with others in terms of scientific principles, historical events, and mathematical concepts.

Explanation for Correct Answer: The correct answer is "The Treaty of Versailles, signed in 1919, imposed harsh penalties on Germany and formally ended World War I." This statement is about a historical and political event, whereas



the other statements relate to scientific theories and mathematical concepts.

Explanation for Incorrect Answers:

1. This statement is related to genetic principles. The Hardy-Weinberg equilibrium is a fundamental concept in population genetics, describing the stability of allele frequencies in a population under certain conditions.
3. This statement is related to mathematical concepts. Non-Euclidean geometry explores geometries that deviate from the classical Euclidean geometry, particularly in the understanding of parallel lines and angles.
4. This statement is related to a cutting-edge biotechnological tool. CRISPR-Cas9 is a revolutionary gene-editing technology that enables precise modification of DNA sequences in living organisms.

Trap of the Question: The trap lies in the inclusion of a statement about a historical and political event (The Treaty of Versailles) amidst statements about scientific principles and theories. Test-takers may be drawn to this statement due to its historical significance, potentially overlooking the emphasis on scientific principles in the rest of the statements. The question aims to evaluate the ability to distinguish between historical events and scientific concepts.

Q18 Text Solution:

Essence of the Question: This question evaluates the ability to identify the statement that does not align with the others in terms of being a scientific theory or phenomenon versus a historical event.

Explanation for Correct Answer: The correct answer is "The Battle of Thermopylae, fought in 480 BCE, was a key engagement between the Greek city-states and the Persian Empire during the Greco-Persian Wars." This statement is about a historical event, while the other statements relate to scientific theories and phenomena (dark matter, Gödel's

incompleteness theorems, quantum entanglement, the Renaissance).

Explanation for Incorrect Answers:

- Dark matter, a hypothetical form of matter, does not emit, absorb, or reflect light and is believed to constitute a significant portion of the total mass in the universe. This statement is about a scientific hypothesis.
- Gödel's incompleteness theorems, formulated by Kurt Gödel, demonstrate that within any consistent mathematical system, there exist true statements that cannot be proven. This statement is a foundational concept in mathematics.
- Quantum entanglement, a phenomenon in quantum mechanics, describes the correlation between particles where the state of one particle instantaneously influences the state of another, regardless of distance. This statement is a principle in quantum physics.

Trap of the Question: The trap lies in the inclusion of a statement about a historical event (The Battle of Thermopylae) amidst statements about scientific theories and phenomena. Test-takers may be drawn to this statement due to its historical significance, potentially overlooking the emphasis on scientific principles in the rest of the statements. The question aims to evaluate the ability to distinguish between historical events and scientific concepts.

Q19 Text Solution:

Essence of the Question: This question tests your ability to identify the statement that doesn't fit in with others based on whether it is a scientific principle or a historical event.

Explanation for Correct Answer: The correct answer is "The Battle of Hastings, fought in 1066, marked the Norman conquest of England and had significant historical implications." This statement is about a historical event, while the other statements relate to scientific theories,



mathematical patterns, physics phenomena, and biochemical processes.

Explanation for Incorrect Answers:

- This statement 1 is about a geological theory, aligning with the theme of scientific principles.
- This statement 2 is about a mathematical pattern, fitting with the theme of scientific principles.
- This statement 4 is about a physics phenomenon, corresponding to the theme of scientific principles.

Trap of the Question: The trap lies in the inclusion of a statement about a historical event (The Battle of Hastings) amidst statements about scientific principles and phenomena. Test-takers may be drawn to this statement due to its historical significance, potentially overlooking the emphasis on scientific principles in the rest of the statements. The question aims to evaluate the ability to distinguish between historical events and scientific concepts.

Q20 Text Solution:

Essence of the Question: This question assesses the ability to identify the statement that does not align with the others in terms of being a scientific principle or theory versus a historical event.

Explanation for Correct Answer: The correct answer is "The Treaty of Westphalia, signed in 1648, marked the end of the Thirty Years' War and established principles of state sovereignty in international relations." This statement is about a historical and political event, while the other statements relate to scientific principles and theories (photosystem II, chaos theory, the Higgs boson, the Schrödinger equation).

Explanation for Incorrect Answers:

- Photosystem II, a complex of proteins and pigments in plants, plays a crucial role in the light-dependent reactions of photosynthesis. This statement is a principle in biology.

- Chaos theory, a mathematical concept, explores the behavior of dynamic systems that are highly sensitive to initial conditions, leading to complex and unpredictable outcomes. This statement is related to mathematical modeling.
- The Higgs boson, a subatomic particle, was experimentally confirmed in 2012 and is associated with giving mass to other fundamental particles. This statement is a significant discovery in particle physics.

Trap of the Question: The trap lies in the inclusion of a statement about a historical and political event (The Treaty of Westphalia) amidst statements about scientific principles and theories. Test-takers may be drawn to this statement due to its historical significance, potentially overlooking the emphasis on scientific principles in the rest of the statements. The question aims to evaluate the ability to distinguish between historical events and scientific concepts.

Q21 Text Solution:

Essence of the Question: This question aims to evaluate your ability to discern statements related to astronomy and historical events. The odd one out should be identified based on its thematic misalignment.

Explanation for Correct Answer: The correct answer is "The Magna Carta, signed in 1215, is a foundational legal document that limited the powers of the monarchy in medieval England." This statement is about a historical legal document, while the other statements relate to astronomical observations and the search for extraterrestrial life.

Explanation for Incorrect Answers: In this set of statements, each option, aside from the correct one, is aligned with astronomy. While these statements contribute to our understanding of the universe, the trap lies in the inclusion of a historical and legal document, The Magna Carta, amidst scientific and literary contexts.



Test-takers might entice to select this option due to its historical significance, potentially overlooking the scientific emphasis found in the rest of the statements.

Trap of the Question: The trap lies in the inclusion of a statement about a historical legal document (The Magna Carta) amidst statements about astronomical observations and scientific theories. Test-takers may be drawn to this statement due to its historical significance, potentially overlooking the emphasis on scientific principles in the rest of the statements. The question aims to evaluate the ability to distinguish between historical events and scientific concepts.

Q22 Text Solution:

Essence of the Question: This question assesses the ability to identify the statement that deviates from the overall theme of economic concepts and geographic structures.

Explanation for Correct Answer: The correct answer is "The Great Wall of China, a UNESCO World Heritage Site, served as a military defense structure during various dynasties in ancient China." This statement is primarily about a historical and architectural structure rather than an economic concept.

Explanation for Incorrect Answers:

1. This statement aligns with economic concepts and income distribution.
3. This statement is a fundamental economic concept, emphasizing the measurement of a country's economic performance.
4. This statement is about a historical trade route that significantly influenced economic interactions and cultural exchange.

Trap of the Question: The trap lies in the inclusion of a statement about a historical and architectural structure (The Great Wall of China) amidst statements about economic concepts. Test-takers may be drawn to this statement due to its historical significance, potentially

overlooking the emphasis on economic principles in the rest of the statements.

Q23 Text Solution:

Essence of the Question: This question evaluates the ability to identify the statement that doesn't align with the theme of physics principles and musical compositions.

Explanation for Correct Answer: The correct answer is "Wolfgang Amadeus Mozart's Symphony No. 40, a masterpiece of classical music, is known for its intense emotional expression and innovative use of form." This statement is primarily about a musical composition rather than a physics concept.

Explanation for Incorrect Answers:

1. This statement is about a basic physics principle governing electrical circuits.
3. This statement is a core concept in quantum mechanics, emphasizing the quantization of energy.
4. This statement is about a well-known physics phenomenon related to the perception of sound waves.

Trap of the Question: The trap lies in the inclusion of a statement about a musical composition (Mozart's Symphony No. 40) amidst statements about physics concepts. Test-takers may be drawn to this statement due to its artistic and cultural significance, potentially overlooking the emphasis on physics principles in the rest of the statements.

Q24 Text Solution:

Essence of the Question: This question aims to assess the ability to identify the statement that deviates from the overall theme of biological concepts and historical events.

Explanation for Correct Answer: The correct answer is "The Treaty of Versailles, signed in 1919, marked the end of World War I and imposed significant penalties on Germany." This statement is primarily about a historical and political event rather than a biological concept.

Explanation for Incorrect Answers:



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2. This statement is about a fundamental process in cellular respiration, a key concept in biology.
3. This statement is about a groundbreaking discovery in the field of genetics and molecular biology.
4. This statement is about a discovery of DNA structure

Trap of the Question: The trap lies in the inclusion of a statement about a historical and political event (The Treaty of Versailles) amidst statements about biological concepts. Test-takers may be drawn to this statement due to its historical significance, potentially overlooking the emphasis on biological principles in the rest of the statements.

Q25 Text Solution:

Essence of the Question: The question wants you to find the sentence that doesn't fit with the others in the context of music-related effects.

Approach to the Solution:

- Identify the common theme amongst the sentences.
- Zero down on the outlier option by comparing it with all other options.

The Right Option (4):

- Sentences 1, 2, 3, and 5 describe the negative impacts of music, emphasizing aspects like hearing loss, stress, cognitive impairment, and social isolation.
- Sentence 4, in contrast, highlights the positive utility of music, namely its therapeutic use in treating mental health issues. This sentence introduces a distinct perspective by discussing a beneficial application of music when others are about detrimental consequences.

Explanatory Reasons for Incorrect Answers:

1. **Sentence 1:** Fits the common theme of negative effects, discussing the physical health consequence (hearing loss) due to music.

2. **Sentence 2:** Aligns with the general theme by illustrating an environmental and psychological downside (overstimulation and stress) of music in public places.
3. **Sentence 3:** Relevant to the common theme as it addresses a cognitive downside (impaired performance) of music, especially with lyrics.
4. **Sentence 5:** Maintains the theme by highlighting a social and behavioral impact (isolation) of using headphones for music.

Trap of the Question:

- The technical language in sentence 3 ("cognitive performance", "divided attention") might mislead aspirants into considering it as the odd one out. However, its content aligns with the predominant theme of negative implications, unlike sentence 4.

Q26 Text Solution:

Essence of the Question: This question evaluates the ability to identify the statement that doesn't align with the theme of political science and physics concepts.

Explanation for Correct Answer: The correct answer is "The Treaty of Westphalia, signed in 1648, is a key event in political science, establishing the principles of state sovereignty and non-intervention." This statement is primarily about a historical and political event, while the other statements are related to physics principles and theories.

Explanation for Incorrect Answers: Each of the other statements aligns with either physics (Newton's laws, Maxwell's equations) or political science and philosophy concepts closely tied to physics (Locke's social contract theory).

Trap of the Question: The trap lies in the inclusion of a statement about a historical and political event (Treaty of Westphalia) amidst statements about physics. Test-takers may be drawn to this statement due to its historical and political significance, potentially overlooking



the emphasis on physics principles in the rest of the statements.

Q27 Text Solution:

Essence of the Question: This question assesses the ability to identify the statement that does not align with the overall theme of ecological and economic concepts.

Explanation for Correct Answer: The correct answer is "A significant cost is incurred every year to fight the greenhouse effect, a phenomenon in ecology, that involves the trapping of heat in the Earth's atmosphere, contributing to global warming". This statement is primarily about the greenhouse effect, while the other statements are related to economic concepts.

Explanation for Incorrect Answers: Each of the other statements aligns with economic principles and theories directly.

Trap of the Question: The trap lies in the inclusion of a statement about a cost related to the greenhouse effect amidst statements about economic concepts. Test-takers may get confused as this statement also talks about cost, but the primary aim of the sentence is to discuss about greenhouse effect.

Q28 Text Solution:

Essence of the Question: This question assesses the ability to identify the statement that deviates from the overall theme of historical events and geographical features.

Explanation for Correct Answer: The correct answer is "Mount Everest, located in the Himalayas, is the world's highest peak, attracting climbers from around the globe." This statement is primarily about a geographical feature, while the other statements are related to historical events and their implications.

Explanation for Incorrect Answers: Each of the other statements aligns closely with historical and cultural contexts.

Trap of the Question: The trap lies in the inclusion of a statement about a geographical

feature (Mount Everest) amidst statements about historical events. Test-takers may be drawn to this statement due to its geographical nature, potentially overlooking the emphasis on historical events in the rest of the statements. The question aims to assess the ability to distinguish between historical events and geographical features.

Q29 Text Solution:

Essence of the Question: This question aims to assess the ability to identify the statement that deviates from the overall theme of neuroscience concepts and art history.

Explanation for Correct Answer: The correct answer is "The Renaissance art movement, characterized by a revival of classical art, had a profound impact on the cultural and artistic landscape of Europe." This statement is primarily about a historical and artistic movement, while the other statements are related to neuroscience concepts and the intersection of art and neuroscience.

Explanation for Incorrect Answers: Each of the other statements aligns with either neuroscience (Ramón y Cajal's work, neuroplasticity concept) or the intersection of art and neuroscience.

Trap of the Question: The trap lies in the inclusion of a statement about a historical and artistic movement (Renaissance art) amidst statements about neuroscience. Test-takers may be drawn to this statement due to its historical and artistic significance, potentially overlooking the emphasis on neuroscience concepts in the rest of the statements.

Q30 Text Solution:

Essence of the Question: This question assesses the ability to identify the statement that deviates from the overall theme of psychological theories and literary works.

Explanation for Correct Answer: The correct answer is "B.F. Skinner's behaviorist theory in psychology emphasizes the role of



reinforcement and punishment in shaping behavior." This statement is primarily about a psychological theory, while the other statements are related to literary works about psychology.

Explanation for Incorrect Answers:

1. This statement is about a literary work, specifically Shakespeare's exploration of psychological themes in the play "Macbeth."
2. This statement is about a literary work by Alex Michaelides.
3. This statement is about a literary work, specifically Woolf's use of the stream of

consciousness technique in the novel "Mrs. Dalloway."

Trap of the Question: The trap lies in the inclusion of a statement about a psychological theory (Skinner's behaviorism) amidst statements about literary works. Test-takers may be drawn to this statement due to its psychological nature, potentially overlooking the emphasis on literary concepts in the rest of the statements. Students might choose statement 2 as it does not use the word 'psychology' while others do. The question aims to assess the ability to distinguish between psychological theories and literary works.



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