

# MOCK AILET 10031

## ANSWER & EXPLANATIONS

### Section - A: English

1. **Answer: C**

**Explanation: Reference Lines:** "The root causes of these vulnerabilities can be various technical issues within the VisionOS components."

a) Deficiencies in user authentication protocols.

The passage does not mention any problems with user authentication protocols. User authentication protocols are methods used to verify the identity of users attempting to access a system. If there were deficiencies in these protocols, it would mean that unauthorized users could potentially gain access. However, the passage focuses on vulnerabilities within the VisionOS components, not on how users are authenticated. Hence, Option (a) is not the correct answer.

b) Inadequate encryption standards in data transmission.

Encryption standards in data transmission refer to how data is securely transmitted across networks to prevent unauthorized access. The passage does not address encryption or data transmission issues. Instead, it focuses on specific technical flaws within the operating system that allow attackers to exploit the system. Therefore, while inadequate encryption standards are a critical security concern, they are not the issue highlighted in this passage. Hence, Option (b) is not the correct answer.

c) Weaknesses in the operating system's core components.

This option correctly identifies the primary issue discussed in the passage. The text specifically mentions that the root causes of the vulnerabilities are various technical issues within VisionOS components. These issues include use-after-free bugs, out-of-bounds writes, and other flaws that are integral to the operating system's core functionality. The passage emphasizes that these technical flaws can be exploited by attackers, leading to significant security breaches. Hence, Option (c) is the correct answer.

d) Inefficiencies in the hardware design.

The passage does not mention hardware design issues. Hardware design inefficiencies would refer to problems with the physical components and their configurations. However, the focus here is entirely on software vulnerabilities within the VisionOS, which are unrelated to the hardware. Therefore, suggesting that hardware inefficiencies are the root cause would be inaccurate based on the given information. Hence, Option (d) is not the correct answer.

2. **Answer: B**

**Explanation: Reference Lines:** "Experts suggest that the device can allow attackers to execute arbitrary code with kernel-level privileges."

a) The device's security mechanisms are poorly designed.

The passage does not explicitly state that the security mechanisms are poorly designed. It indicates that attackers can execute arbitrary code with kernel-level privileges, but this does not necessarily imply poor design of the overall security mechanisms. It could be due to specific exploitable software bugs. Without more information directly criticizing the design of the security mechanisms, this option cannot be considered correct. Hence, Option (a) is not the correct answer.

b) The attackers can gain administrative privileges easily.

This option is supported by the passage, which states that attackers can execute arbitrary code with kernel-level privileges. Kernel-level access means attackers can perform any operation on the device, including installing software, altering settings, and accessing sensitive data. This level of control is typically associated with administrative privileges, making it a significant advantage for attackers. Therefore, the ease with which attackers can gain such privileges is a critical factor. Hence, Option (b) is the correct answer.

c) The inherent complexity of the system's architecture.

While complex system architectures can pose security challenges, the passage does not discuss the complexity of the architecture as a reason for the vulnerabilities. The vulnerabilities are attributed to specific technical flaws within the VisionOS components, not to the system's overall complexity. Thus, the inherent complexity of the system's architecture is not presented as a significant factor in the attackers' advantage. Hence, Option (c) is not the correct answer.

d) The rapid development cycle of the software.

The passage does not mention the development cycle of the software as a factor. Rapid development cycles can sometimes lead to overlooked security issues due to shorter testing

phases, but this is not indicated in the text provided. The focus is on existing technical issues within VisionOS rather than the pace at which the software was developed. Hence, Option (d) is not the correct answer.

3. **Answer: B**

**Explanation: Reference Lines:** "These technical flaws can be exploited by attackers through maliciously crafted web content, leading to memory corruption and system compromise."

a) Both statements are true and 2 is the correct explanation of 1.

Although both statements are true, statement 2 does not directly explain statement 1. Statement 2 indicates that technical issues within VisionOS components are the root cause of the vulnerabilities, while statement 1 focuses on the consequence of these vulnerabilities, which is the ability of attackers to install malicious software. The exploitation of these technical issues leads to the installation of malicious software, but this relationship is not a direct explanation as implied by this option. Hence, Option (a) is not the correct answer.

b) Both statements are true but 2 is not the correct explanation of 1.

This option correctly identifies that while both statements are true, statement 2 does not directly explain statement 1. The technical issues in VisionOS components (statement 2) provide the vulnerabilities that attackers can exploit, which then allows them to install malicious software (statement 1). The link between the two statements is that one leads to the possibility of the other, but statement 2 is not an explanation for statement 1's occurrence. Hence, Option (b) is the correct answer.

c) Statement 1 is true but statement 2 is false.

Statement 2 is true according to the passage, which mentions technical issues within VisionOS components. These technical flaws are critical to understanding the vulnerabilities in the system. Therefore, this option is incorrect because it misrepresents the truthfulness of statement 2. Hence, Option (c) is not the correct answer.

d) Statement 1 is false but statement 2 is true.

Statement 1 is true, as the passage clearly indicates that attackers can install malicious software by exploiting these vulnerabilities. The ability to install malicious software is a direct consequence of exploiting the technical flaws in VisionOS. Therefore, suggesting that statement 1 is false is incorrect. Hence, Option (d) is not the correct answer.

4. **Answer: C**

**Explanation: Reference Lines:** "It looks like Apple might have released a software update for the Vision Pro."

a) Security updates are crucial to protect against potential exploits.

The passage emphasizes the importance of installing software updates to safeguard against vulnerabilities. It states that CERT-In has advised all users to promptly download and install updates to protect their devices from potential exploits. This advice underscores the critical role of security updates in maintaining the integrity and security of the system. Hence, Option (a) is not the correct answer.

b) Attackers can use these vulnerabilities to access confidential information.

The passage mentions that the vulnerabilities can allow malicious actors to access confidential user information. This statement aligns with the information provided, as gaining access to sensitive data is one of the significant risks posed by the identified vulnerabilities. Therefore, this statement is accurate based on the passage. Hence, Option (b) is not the correct answer.

c) Apple has not yet responded to the vulnerabilities.

This statement is incorrect. The passage indicates that Apple has released a software update to address the vulnerabilities. The recommendation for users to install this update demonstrates that Apple has taken action in response to the identified security issues. Hence, Option (c) is the correct answer.

d) Use-after-free bugs can lead to memory corruption.

The passage explicitly mentions use-after-free bugs and their potential to cause memory corruption. Use-after-free bugs occur when a program continues to use memory after it has been freed, leading to unpredictable behavior and potential security vulnerabilities. This statement is consistent with the details provided in the passage. Hence, Option (d) is not the correct answer.

**5. Answer: B**

**Explanation: Reference Lines:** "CERT-In seems to have advised all users to promptly download and install this update to protect their devices from potential exploits."

a) dismissive

The writer's tone is serious and urges prompt action to mitigate security risks. A dismissive attitude would downplay the importance of addressing the vulnerabilities and taking necessary precautions. However, the passage emphasizes the urgency of installing updates and the critical role of these actions in safeguarding against exploits. Hence, Option (a) is not the correct answer.

b) proactive

The writer encourages users to install updates promptly to protect their devices. This proactive approach involves taking immediate steps to address and mitigate security risks, demonstrating a forward-thinking and preventative mindset. The emphasis on promptly downloading and installing updates reflects a proactive stance on maintaining system security. Hence, Option (b) is the correct answer.

c) skeptical

The passage does not convey skepticism about the security measures or the effectiveness of the updates. Instead, it stresses the importance of taking action and following the advice provided by CERT-In. Skepticism would involve doubt or uncertainty about the recommended actions or their outcomes, which is not evident in the passage. Hence, Option (c) is not the correct answer.

d) complacent

The writer does not exhibit a complacent attitude. The passage stresses the urgency and importance of updating the software to address security vulnerabilities. Complacency would imply a lack of concern or a relaxed attitude towards the security threats, which is contrary to the proactive and urgent tone of the passage. Hence, Option (d) is not the correct answer.

**6. Answer: D**

**Explanation: Reference Lines:** "The game was a hit. Within months, Wingfield had patented sphairistike. He began a business, published two books to promote the game and sold playing sets. In the first year, Wingfield sold a thousand sets that quickly spread across the British Empire and beyond."

a) Indifferent: This suggests that the reception to Wingfield's game was lackluster or neutral, with neither strong approval nor disapproval. However, the passage clearly states that the game was a hit and quickly became popular. Thus, an indifferent response would be inconsistent with the enthusiasm and widespread adoption noted in the text. Hence, Options (A) is not the correct answer.

b) Antagonistic: This implies hostility or strong opposition to Wingfield's game. The passage indicates the opposite—Wingfield's game was well-received and patented within months. This option contradicts the passage's account of the game's positive reception. Hence, Options (B) is not the correct answer.

c) Mediocre: Suggesting that the game's reception was average or unimpressive. The passage states that Wingfield's game was a hit, indicating it gained significant popularity quickly. The term 'mediocre' does not align with the enthusiastic response and success described. Hence, Options (C) is not the correct answer.

d) Enthusiastic: The passage directly states that the game was a hit and quickly spread across the British Empire. This suggests a very positive reception, which aligns perfectly with the description of the game's popularity. Hence, Options (D) is the correct answer.

**7. Answer: C**

**Explanation: Reference Lines:** "Presented in a handsome, long wooden box, a typical set included written instructions, a long net, court markers, a rubber ball, pegs and tape to mark the court, and four lopsided rackets."

a) Insufficient understanding of the game rules: This option suggests that people had difficulty understanding how to play the game. However, the passage mentions that each set came with written instructions, implying that understanding the rules was not a significant issue. Thus, the problem was not with the comprehension of the game's rules. Hence, Options (A) is not the correct answer.

b) Inadequate availability of playing equipment: This implies that there was a scarcity of equipment for the game. The passage mentions that Wingfield sold a thousand sets in the first

year, indicating that the equipment was readily available and in demand. Therefore, lack of equipment was not a significant issue. Hence, Options (B) is not the correct answer.

c) The complexity of setting up the court: The passage specifies that the set included many components, such as a long net, court markers, pegs, and tape to mark the court. This suggests that setting up the court was complex and could be a challenge for early players. Hence, Options (C) is the correct answer.

d) Resistance to change from traditional indoor games: The passage does not indicate any significant resistance to the new game. Instead, it highlights that the game quickly spread across the British Empire, suggesting that people were eager to adopt it. Thus, resistance to change was not a notable challenge. Hence, Options (D) is not the correct answer.

8. **Answer: A**

**Explanation: Reference Lines:** "Inspired by a ball game played indoors by aristocrats for centuries, Wingfield's innovation was to move the game outside and replace the leather ball with a bouncing rubber one. The game was a hit. Within months, Wingfield had patented sphairistike. He began a business, published two books to promote the game and sold playing sets. In the first year, Wingfield sold a thousand sets that quickly spread across the British Empire and beyond."

**Explanation:**

a) (2), (4), (1), (3): This sequence follows the logical progression of events as described in the passage. First, Wingfield innovates by moving the game outside and using a rubber ball. Then, he patents the game as sphairistike. Following this, he publishes books to promote the game, and finally, sells a thousand sets in the first year. This order aligns with the details given in the passage. Hence, Options (A) is the correct answer.

b) (1), (2), (3), (4): This order suggests that publishing books came before moving the game outside and patenting it, which contradicts the timeline provided. According to the passage, the game was patented before books were published, and the game was moved outside first. Hence, Options (B) is not the correct answer.

c) (4), (2), (3), (1): This sequence places the patenting first, then the move outside, selling sets, and finally publishing books. This order is incorrect because patenting came after the move outside and not before selling sets or publishing books. Hence, Options (C) is not the correct answer.

d) (2), (1), (4), (3): This sequence places moving outside first, then publishing books, patenting the game, and selling sets. This is not correct because the publication of books came after the patenting, not before selling sets. Hence, Options (D) is not the correct answer.

9. **Answer: B**

**Explanation: Reference Lines:** "Although the major's game of tennis is rarely recognized as a product of hominin evolution, the ability to strike a bouncing ball with a racket is evidence of an ancient symbiosis between human and tool."

**Explanation:**

a) The inherent harmony between different organisms in nature: This definition of symbiosis refers to the general biological concept of different species living together in harmony. While correct in a broad sense, this option does not specifically address the context of human evolution and the use of tools. The passage discusses how the use of a tennis racket becomes natural through practice, emphasizing a specific type of symbiosis between humans and their tools rather than a broad ecological relationship. Hence, Option (a) is not the correct answer.

b) The mutual beneficial relationship between humans and their tools: This option accurately reflects the passage's discussion about how the use of tools, such as a tennis racket, becomes integrated into human activity. The passage describes how the racket initially feels like an external object but, with practice, becomes a natural extension of the hand. This mutual beneficial relationship, where the tool enhances human capability and becomes seamlessly integrated into human actions, perfectly fits the concept of symbiosis as described. Hence, Option (b) is the correct answer.

c) The evolutionary adaptation of humans to their environment: While relevant to human evolution, this option is broader and does not specifically address the relationship between humans and tools. The passage focuses on the interaction and integration of tools into human life, rather than the overall evolutionary adaptation to the environment. Symbiosis in this



context refers to the close and mutually beneficial relationship between humans and their tools, not just evolutionary adaptation. Hence, Option (c) is not the correct answer.

d) The dependency of humans on technology for survival: This option suggests a level of dependency that goes beyond the passage's focus. While tools certainly enhance human abilities and play a crucial role in survival, the passage emphasizes the symbiotic relationship where tools become a natural extension of the human body through practice. This is about integration and mutual benefit, not just dependency for survival. Hence, Option (d) is not the correct answer.

10. **Answer: A**

**Explanation: Reference Lines:** "At that moment, the racket is just a thing. An external object in the world. Next, a ball is tossed in your direction to strike. With more practice, each swing becomes more natural, each ball hit more precisely as your hand feels ever more at home wrapped around the grip."

a) The gradual integration of tools into daily human life: The passage describes how, with practice, a tennis racket transforms from an external object into a natural extension of the hand. This process is gradual, as each swing becomes more natural and precise over time. This description aligns with the idea of gradual integration, showing how humans adapt to and incorporate tools into their daily activities. This reflects the broader concept of how humans have historically integrated various tools into their lives, making them essential parts of everyday functioning. Hence, Option (a) is the correct answer.

b) The immediate ease with which humans use new tools: This option suggests that humans instantly find it easy to use new tools. However, the passage emphasizes the gradual process of becoming accustomed to the racket through repeated practice. The transformation of the racket from an external object to an extension of the hand takes time and effort, indicating that immediate ease is not the case here. Hence, Option (b) is not the correct answer.

c) The evolutionary development of human dexterity: While the passage does touch on the evolution of human-tool interaction, it focuses more on the practical, day-to-day integration of tools into human life rather than long-term evolutionary changes. The idea of the racket becoming an extension of the hand through practice highlights the immediate and practical aspects of tool use, rather than broader evolutionary developments. Hence, Option (c) is not the correct answer.

d) The natural human instinct to manipulate objects: Although humans do have a natural instinct to manipulate objects, the passage specifically discusses how a tool like a racket becomes integrated into the user's body schema through practice. This goes beyond instinct, highlighting a learned and practiced skill that results in the tool feeling like an extension of the hand. Hence, Option (d) is not the correct answer.

11. **Answer: A**

**Explanation: Reference Lines:** "He began a business, published two books to promote the game and sold playing sets. In the first year, Wingfield sold a thousand sets that quickly spread across the British Empire and beyond."

a) The promotion of aristocratic pastimes: The passage details how Wingfield took an indoor game played by aristocrats and transformed it into a commercial product. By moving the game outside, patenting it, publishing books to promote it, and selling sets, Wingfield turned a leisure activity into a widely accepted and promoted successful sport. This transformation highlights the process of promoting a pastime that was once exclusive to the aristocracy, making it accessible to a broader audience and generating significant sales. Hence, Option (a) is the correct answer.

b) The transition of indoor activities to outdoor sports: While this is an accurate part of the story, it is not the main focus. The passage does describe the game's transition from an indoor to an outdoor activity, but the broader and more significant point is how this transition led to its commercialization and widespread acceptance. Hence, Option (b) is not the correct answer.

c) The invention of modern sports equipment: This option focuses on the creation of new sports equipment, which is a part of the narrative but not the central theme. The passage emphasizes the commercialization and popularization of the game rather than just the invention of the equipment. Hence, Option (c) is not the correct answer.

d) The role of effective marketing in sports popularization: While Wingfield did use marketing strategies such as publishing books to promote the game, the passage focuses more on the

overall commercialization process. Effective marketing was a tool used within this broader context, but the primary point is the commercial transformation of the game. Hence, Option (d) is not the correct answer.

12. **Answer: D**

**Explanation: Reference Lines:** "Consider what happens when you pick up a tennis racket the first time. At that moment, the racket is just a thing. An external object in the world. Next, a ball is tossed in your direction to strike. With more practice, each swing becomes more natural, each ball hit more precisely as your hand feels ever more at home wrapped around the grip."

a) The cognitive adaptation of humans to their environment: This option suggests that the process is primarily about cognitive changes, but the passage focuses more on the physical and practical aspects of integrating a tool into one's bodily schema. While cognitive adaptation plays a role, the passage emphasizes how the racket becomes a natural extension of the hand through repeated practice and use, which is more about physical integration. Hence, Option (a) is not the correct answer.

b) The physical training required for athletic proficiency: While the passage does mention the practice involved in using the racket effectively, it is more focused on how the tool becomes integrated into the user's bodily schema rather than just the physical training aspect. The key point is the transformation of the racket from an external object to a part of the body, not just the athletic proficiency achieved through training. Hence, Option (b) is not the correct answer.

c) The mental focus needed to master a skill: Mental focus is undoubtedly important in mastering any skill, but the passage specifically highlights the physical process by which a tool becomes an extension of the body. The transformation described is about how the racket feels more natural and integrated into the user's body with practice, rather than solely focusing on the mental aspect of skill mastery. Hence, Option (c) is not the correct answer.

d) The integration of external objects into one's bodily schema: This option accurately captures the essence of the passage. The passage describes how, with practice, the tennis racket becomes more natural to use, eventually feeling like an extension of the hand. This process exemplifies how external objects can become integrated into the user's bodily schema, illustrating a close and practiced relationship between human and tool. Hence, Option (d) is the correct answer.

13. **Answer: A**

**Explanation: Reference lines:** "More than 100 leaders, including the US vice-president, Kamala Harris, and the presidents or heads of the EU, South American, Middle East and Asian countries, will gather in Switzerland for one of the most ambitious attempts yet to forge a peace plan for Ukraine."

a) international diplomacy journal feature

The passage discusses a high-level diplomatic event involving over 100 leaders, including the US vice-president and heads of various countries, all gathering to discuss a peace plan for Ukraine. The focus on international relations, diplomatic strategies, and global issues such as nuclear threats, food security, and humanitarian needs aligns well with the typical content found in an international diplomacy journal. Hence, Option (a) is the correct answer.

b) local news report on regional events

The passage is focused on international diplomacy and global leaders, which is beyond the scope of a local news report that would typically cover regional or community-specific events. Local news reports generally do not cover detailed international diplomatic events involving multiple countries and complex geopolitical issues. Hence, Option (b) is not the correct answer.

c) technology review article

The content of the passage is entirely focused on international diplomacy, peace efforts, and geopolitical issues. There is no mention of technology, innovations, or related subjects that would be the focus of a technology review article. The passage's context and subject matter do not fit a technology review. Hence, Option (c) is not the correct answer.

d) corporate financial report

Although the passage mentions a financial element (the €50bn loan for Ukraine), it primarily deals with diplomatic efforts and geopolitical negotiations. Corporate financial reports focus on financial performance, corporate strategies, and economic metrics, which are not the primary focus of this passage. Hence, Option (d) is not the correct answer.

**14. Answer: B**

**Explanation: Reference lines:** "The summit comes as G7 leaders gathering in Italy clinch a new deal for a €50bn loan for Ukraine, securitised through use of the windfall profits from the interest on Russian central bank assets frozen by the EU and other western nations after the 2022 invasion of Ukraine."

a) To persuade readers that the summit will definitely resolve the Ukraine conflict.

The passage does not present the summit as a definitive solution to the conflict. Instead, it outlines various efforts, complexities, and challenges involved in seeking peace, indicating that the outcome is uncertain. The author does not aim to persuade readers of a guaranteed resolution. Hence, Option (a) is not the correct answer.

b) To describe the complexities and efforts involved in seeking peace in Ukraine.

The passage provides a detailed account of the diplomatic efforts, the participation of global leaders, the challenges posed by differing international positions, and the multifaceted issues like nuclear threats, food security, and humanitarian needs. The primary purpose is to describe these complexities and the ongoing efforts to achieve peace. Hence, Option (b) is the correct answer.

c) To criticize the lack of attendance by major global players like China.

While the passage mentions China's absence and Zelenskiy's comments, it does not focus on criticizing China or any other non-attendees. The broader context of the passage is about the peace efforts and the diplomatic process rather than singling out and criticizing specific countries. Hence, Option (c) is not the correct answer.

d) To explain the financial aspects of the G7 deal for Ukraine.

Although the passage touches upon the financial aspect of the G7 deal, it is not the main focus. The financial deal is mentioned in the context of broader diplomatic efforts, and the primary purpose remains the discussion of peace plans and the associated complexities. Hence, Option (d) is not the correct answer.

**15. Answer: D**

**Explanation: Reference lines:** "The two-day peace conference, which will take place at the luxury Bürgenstock resort outside Lucerne, will discuss Kyiv's proposed 10-point plan to end the war along with three other themes: the nuclear threat, food security and humanitarian needs in Ukraine."

a) The international community's primary concern for Ukraine's economy.

The mention of food security is in the context of humanitarian needs rather than a focus on the economy. While economic stability is important, the passage emphasizes the broader humanitarian implications, including ensuring food availability amidst the conflict. Hence, Option (a) is not the correct answer.

b) The agricultural prospects of Ukraine in a post-war scenario.

The passage does not discuss post-war agricultural prospects specifically. The reference to food security is more about addressing immediate humanitarian needs and ensuring that the population does not suffer from food shortages during the ongoing conflict. Hence, Option (b) is not the correct answer.

c) The focus on rebuilding Ukraine's infrastructure.

The passage does not explicitly connect food security to infrastructure rebuilding. It mentions food security as one of the key humanitarian concerns that need addressing amidst the conflict, rather than as part of an infrastructure rebuilding effort. Hence, Option (c) is not the correct answer.

d) The importance of addressing humanitarian issues in the conflict.

The mention of food security highlights the need to address critical humanitarian issues, such as ensuring that the population has access to necessary resources like food during the conflict. This aligns with the broader theme of the passage, which focuses on the humanitarian and diplomatic challenges. Hence, Option (d) is the correct answer.

**16. Answer: A**

**Explanation:** a) "The summit comes as G7 leaders gathering in Italy clinch a new deal for a €50bn loan for Ukraine."

The phrase "gathering in Italy" is a participial phrase describing the G7 leaders. It modifies the noun "leaders" by indicating where they are gathering. Hence, Option (a) is the correct answer.

b) "The two-day peace conference, which will take place at the luxury Bürgenstock resort outside Lucerne, will discuss Kyiv's proposed 10-point plan to end the war." This sentence does not contain a participial phrase. The clause "which will take place" is a relative clause, not a participial phrase. Hence, Option (b) is not the correct answer.

c) "Organisers of the peace summit played down China's decision not to attend, a move that prompted Zelenskiy to accuse Beijing of helping Moscow undermine the meeting." The phrase "a move that prompted" is a noun phrase with a relative clause "that prompted Zelenskiy to accuse Beijing," rather than a participial phrase. Hence, Option (c) is not the correct answer.

17. **Answer: B**

**Explanation: Reference lines:** "The summit comes as G7 leaders gathering in Italy clinch a new deal for a €50bn loan for Ukraine, securitised through use of the windfall profits from the interest on Russian central bank assets frozen by the EU and other western nations after the 2022 invasion of Ukraine."

a) The economic instability caused by ongoing conflicts.

While economic instability might be a relevant concern, the passage specifically focuses on the complexity of securitizing windfall profits from frozen Russian assets, which is a more direct challenge mentioned in the context of the G7 deal. Hence, Option (a) is not the correct answer.

b) The complexity of securitizing windfall profits.

The passage highlights the complexity of using windfall profits from the interest on frozen Russian central bank assets to securitize the €50bn loan. This financial mechanism is complex and challenging, making it a key point discussed. Hence, Option (b) is the correct answer.

c) The hesitation of member countries to commit financially.

The passage does not mention any hesitation from member countries to commit financially to the deal. The focus is more on the technical and logistical challenges of securitizing the windfall profits. Hence, Option (c) is not the correct answer.

d) The legal issues surrounding frozen assets.

Although legal issues might exist, the passage specifically addresses the complexity of securitization rather than legal hurdles. The primary challenge mentioned is the financial mechanism itself. Hence, Option (d) is not the correct answer.

18. **Answer: D**

**Explanation: Reference lines:** "A joint communique is expected to centre on the importance of the UN principles on maintaining and respecting 'sovereignty and territorial integrity'."

a) Ukraine is required to make major concessions to reach peace agreements.

The passage indicates that Ukraine, the US, and NATO reject the demands made by Putin, which would require major concessions from Ukraine. This rejection underscores a refusal to make such concessions. Hence, Option (a) is not the correct answer.

b) External parties have a minor impact on Ukraine's decision-making.

The involvement of global leaders, including the US and NATO, shows significant external influence on Ukraine's decisions. The passage does not suggest that external parties have a minor impact. Hence, Option (b) is not the correct answer.

c) Preserving sovereignty is less crucial than achieving immediate peace.

The emphasis on the UN principles of maintaining sovereignty and territorial integrity suggests that preserving Ukrainian sovereignty is crucial. The passage does not imply that immediate peace is more important than sovereignty. Hence, Option (c) is not the correct answer.

d) Upholding Ukrainian sovereignty is crucial despite external pressures.

The passage underscores the importance of respecting sovereignty and territorial integrity as a central theme of the joint communique, highlighting that upholding Ukrainian sovereignty remains a key priority despite external pressures. Hence, Option (d) is the correct answer.

19. **Answer: A**

**Explanation: Reference lines:** "Organisers of the peace summit played down China's decision not to attend, a move that prompted Zelenskiy to accuse Beijing of helping Moscow undermine the meeting, which China's foreign ministry denied."

a) Highlight the geopolitical complexities surrounding the summit.

The passage discusses the geopolitical implications of China's absence and Zelenskiy's reaction to it. This highlights the complex international dynamics and differing positions that add layers of complexity to the summit. Hence, Option (a) is the correct answer.

b) Emphasize the lack of interest from major global players.

The passage does not suggest a lack of interest from major global players. Instead, it focuses on the strategic and geopolitical significance of certain countries' attendance or absence. Hence, Option (b) is not the correct answer.

c) Suggest that the summit is unlikely to succeed without China.

While China's absence is noted, the passage does not conclude that the summit is bound to fail without China. It acknowledges the challenges but does not predict outright failure. Hence, Option (c) is not the correct answer.

d) Criticize the international community's approach to peace negotiations.

The passage does not criticize the international community's approach; rather, it presents the complexities and efforts involved in the negotiations. The tone is more descriptive than critical. Hence, Option (d) is not the correct answer.

20. **Answer: D**

**Explanation: Reference lines:** "Kyiv had been pushing hard for a Chinese delegation to attend the summit to give the conference further legitimacy and drive a wedge between Moscow and Beijing. There were also hopes that Saudi Arabia may attend after what Zelenskiy described as 'productive and energetic' talks with the Saudi crown prince Mohammed bin Salman. Moscow has dismissed the meeting as futile."

a) Push

"Push" refers to efforts or initiatives, not a financial burden. Hence, Option (a) is not the correct answer.

b) Drive

"Drive" in the context of pushing for an initiative or causing a wedge between entities. Hence, Option (b) is not the correct answer.

c) Legitimize

"Legitimize" means to make something acceptable or valid. Hence, Option (c) is not the correct answer.

d) Undermine

"Undermine" means to weaken or sabotage. Hence, Option (d) is the correct answer.

21. **Answer: C**

**Explanation: Reference lines:** "There were also hopes that Saudi Arabia may attend after what Zelenskiy described as 'productive and energetic' talks with the Saudi crown prince Mohammed bin Salman."

a) Creates a stronger resistance.

"Productive and energetic" implies positive and constructive discussions, not resistance. The context suggests successful dialogue, making this interpretation incorrect. Hence, Option (a) is not the correct answer.

b) Reduces the complexity of discussions.

While productive discussions might streamline issues, the phrase specifically suggests successful and lively engagement rather than merely reducing complexity. Hence, Option (b) is not the correct answer.

c) Promotes a more fruitful dialogue.

"Productive and energetic" directly implies that the discussions were fruitful and engaged, leading to positive outcomes. This interpretation fits the context of Zelenskiy's positive view of the talks. Hence, Option (c) is the correct answer.

d) Develops a superficial understanding.

"Productive and energetic" implies depth and success in the discussions, not superficiality. This phrase suggests meaningful and effective engagement rather than a shallow understanding. Hence, Option (d) is not the correct answer.

22. **Answer: A**

**Explanation: Reference lines:** "This will be seen as a success for Volodymyr Zelenskiy who is aiming to build international support for his peace plan that includes a full withdrawal of Russian troops from Ukraine and return to its 1991 post-Soviet borders."



a) Leaders are convening more summits without addressing prior challenges.

If leaders continue to hold summits without resolving previous challenges, it suggests that the process is fragmented and ineffective, thereby weakening the conclusion that addressing these challenges is crucial for successful peace efforts. Hence, Option (a) is the correct answer.

b) Traditional methods are becoming less effective in conflict resolution.

This point highlights the need for innovative approaches but does not directly weaken the argument about the importance of addressing existing challenges. It complements rather than contradicts the conclusion. Hence, Option (b) is not the correct answer.

c) Diplomatic efforts are becoming more inclusive and participatory.

Increased inclusivity and participation in diplomatic efforts would likely strengthen the conclusion that addressing challenges is important, as these factors contribute to a comprehensive resolution process. Hence, Option (c) is not the correct answer.

d) Summits are proving effective due to persistent geopolitical tensions.

This point supports the conclusion that addressing challenges is essential because persistent tensions highlight the need for effective solutions. It does not weaken the argument and hence, Option (d) is not the correct answer.

23. **Answer:** A

**Explanation: Reference line:** "Astronomers spotted the frost when analysing roughly 30,000 high-resolution colour images of Mars captured by the European Space Agency's (ESA) Trace Gas Orbiter."

a) To discuss the recent discovery of morning frost on Mars' volcanoes and its implications.

This option accurately captures the main focus of the passage, which revolves around the discovery of morning frost on Mars' volcanoes, specifically in the Tharsis region, and the significance of this finding in understanding Mars' water system and climate history. The passage emphasizes the discovery, the method of observation, and the broader implications for Mars exploration and climate understanding. Hence, option a) is the correct answer.

b) To argue for the necessity of further exploration of Mars' Tharsis region.

While the passage does touch upon the excitement and potential future directions for Mars exploration, its primary focus is not to argue for the necessity of exploring the Tharsis region specifically. The argument for exploration is more of an implicit suggestion rather than the main purpose. Therefore, option b) is not the correct answer.

c) To compare the climates of Earth and Mars and their similarities.

The passage mentions that the water cycle process observed on Mars is "decidedly Earth-like," but this comparison is a minor part of the overall content. The primary focus is on the discovery of frost and its implications rather than a detailed comparison of the climates of Earth and Mars. Thus, option c) is not the correct answer.

d) To present the technological advancements of the ESA's Trace Gas Orbiter in planetary research.

Although the role of the Trace Gas Orbiter is mentioned in the context of capturing the images that led to the discovery, the passage does not primarily focus on detailing the technological advancements of the orbiter. It is mentioned as part of the context for the discovery, not as the main subject. Consequently, option d) is not the correct answer.

24. **Answer:** A

**Explanation: Reference line:** "This is quite exciting, because it tells you how dynamic Mars' water system is, but also how water can be found in different amounts basically everywhere on Mars."

a) Enthusiastic

The speaker expresses excitement and interest in the discovery by using words like "quite exciting" and highlighting the dynamism of Mars' water system. This conveys an enthusiastic tone, as the speaker is clearly energized and positive about the implications of the finding. Hence, option a) is the correct answer.

b) Skeptical

There is no indication of doubt or skepticism in the statement. The speaker is not questioning the validity or significance of the findings; rather, they are expressing clear excitement. Therefore, option b) is not the correct answer.

c) Indifferent

Indifference implies a lack of interest or concern, which is the opposite of what the speaker conveys. The speaker's choice of words and the context of their excitement clearly show that they are not indifferent. Thus, option c) is not the correct answer.

d) Concerned

The tone does not reflect worry or concern. The speaker is focused on the positive aspects of the discovery and its implications for understanding Mars' water system. Therefore, option d) is not the correct answer.

25. **Answer: B**

**Explanation: Reference line:** "providing the latest evidence of water on Mars and the first sighting of water at the planet's equator."

a) Conclusive

While the discovery provides strong indications of water frost, the term 'evidence' in this context suggests supporting information rather than definitive proof. The passage does not claim that the findings are conclusive in an absolute sense. Hence, option a) is not the correct answer.

b) Indicative

The term 'evidence' here is used to indicate the presence of water, pointing towards a significant finding without claiming absolute certainty. The discovery suggests that water frost exists at the equator, making this term indicative of the finding. Therefore, option b) is the correct answer.

c) Hypothetical

The passage presents the discovery as based on observed data, not as a hypothesis. The term 'evidence' implies actual findings rather than a hypothetical scenario. Thus, option c) is not the correct answer.

d) Anomalous

The discovery is presented as part of a dynamic and nuanced understanding of Mars' water system, not as an anomaly. The term 'evidence' here supports an ongoing investigation rather than highlighting an unusual or isolated occurrence. Hence, option d) is not the correct answer.

26. **Answer: A**

**Explanation: Reference line:** "What we're seeing could be a trace of a past Martian climate."

a) They gained insights into Mars' historical climate processes.

The discovery of frost on Mars' volcanoes led the researchers to consider the possibility that these observations could be traces of past climatic conditions on Mars. This insight into historical climate processes adds depth to their understanding of the planet's climatic evolution. Therefore, option a) is the correct answer.

b) They shifted their focus to studying Mars' polar ice caps.

The passage does not indicate a shift in focus to the polar ice caps. Instead, the researchers are concentrating on the implications of their discovery in the equatorial region, particularly in relation to the volcanoes and the water system. Hence, option b) is not the correct answer.

c) They discovered new technological flaws in the ESA's Trace Gas Orbiter.

The passage mentions the success of the Trace Gas Orbiter in capturing the necessary images for this discovery. There is no discussion of technological flaws in the orbiter. Thus, option c) is not the correct answer.

d) They reconsidered the feasibility of human colonization of Mars.

While the discovery of water is significant for future Mars missions, the passage does not specifically state that the researchers reconsidered the feasibility of human colonization based on this finding. The focus is more on the scientific implications rather than immediate plans for human settlement. Therefore, option d) is not the correct answer.

27. **Answer: C**

**Explanation: Reference line:** "Scientists previously thought Mars' equator was too hot—and its atmosphere there too thin—to support frozen ice."

a) Mars has extreme weather conditions compared to Earth.

The statement focuses on specific conditions at the equator, not a comparison of weather conditions between Mars and Earth. The extreme weather conditions are not the primary concern in this context. Hence, option a) is not the correct answer.

b) Mars' atmospheric conditions vary significantly across different regions.

While the atmospheric conditions may vary, the passage specifically addresses the previous understanding that the equator was too hot and thin to support ice, rather than the variation across regions. Thus, option b) is not the correct answer.

c) Mars' equatorial regions were previously thought incapable of retaining ice.

This option directly addresses the researchers' past belief that the equator's conditions were unsuitable for ice retention, which the new findings contradict. It captures the essence of the researchers' previous understanding and the significance of the discovery. Therefore, option c) is the correct answer.

d) Mars has never had water ice in its equatorial regions before.

The passage discusses the new discovery of frost but does not provide a definitive historical account of whether water ice has ever existed in the equatorial regions before. Hence, option d) is not the correct answer.

28. **Answer: A**

**Explanation: Reference line:** "the amount of water accumulating daily at the peaks, researchers estimate, could fill 60 Olympic-sized swimming pools."

a) Quantification

The researcher provides a tangible measurement to help readers understand the volume of water being discussed. By quantifying the amount of water in terms of Olympic-sized swimming pools, the researcher makes the data more relatable and comprehensible. Hence, option a) is the correct answer.

b) Simplification

While the quantification helps in understanding the data, simplification would imply breaking down complex information into more basic terms. The focus here is on providing a precise measurement rather than simplifying the concept. Thus, option b) is not the correct answer.

c) Exaggeration

There is no indication that the researcher is exaggerating the data. The use of a relatable measurement is intended to convey the scale accurately rather than to overstate the findings. Therefore, option c) is not the correct answer.

d) Speculation

The researcher provides an estimate based on observed data rather than speculating without evidence. The statement is grounded in research findings and does not suggest mere speculation. Hence, option d) is not the correct answer.

29. **Answer: D**

**Explanation: Reference line:** "the new finding adds another site to the map of Mars' water."

a) Discovering a new potential habitat for life.

While the discovery of water is significant, the passage does not discuss the potential for this site to be a habitat for life. The focus is on the presence of water itself. Therefore, option a) is not the correct answer.

b) Confirming the presence of life-sustaining resources.

The passage does not directly address the presence of life-sustaining resources beyond the water itself. It focuses on the discovery of water without delving into broader implications for sustaining life. Thus, option b) is not the correct answer.

c) Highlighting areas with potential for human settlement.

Although water is crucial for human settlement, the passage does not specifically highlight this potential. The focus remains on the scientific discovery and its implications for understanding Mars' water system. Hence, option c) is not the correct answer.

d) Expanding the known locations of water on Mars.

This option accurately captures the essence of the phrase. The discovery adds to the existing knowledge of where water can be found on Mars, expanding the map of known water sites on the planet. Therefore, option d) is the correct answer.

30. **Answer: C**

**Explanation: Reference line:** "But the finding of frost is evidence of a more nuanced water cycle."

a) The presence of frost on Mars' volcanoes indicates a dynamic water system.

This is a reasonable inference based on the passage, which discusses the dynamic nature of Mars' water system as indicated by the discovery of frost. Therefore, option a) is not the correct answer.

b) Early morning frost may suggest past climatic conditions on Mars.

The passage suggests that the observed frost could be a trace of past climatic conditions on Mars, making this a valid inference. Hence, option b) is not the correct answer.

c) The discovery necessitates immediate human exploration of Mars.

While the discovery is significant, the passage does not imply that immediate human exploration is necessary. It discusses the implications for future exploration but does not suggest urgency. Therefore, option c) is the correct answer.

d) The ESA's Trace Gas Orbiter plays a crucial role in Martian research.

The passage highlights the importance of the orbiter in capturing the images that led to the discovery, indicating its crucial role in Martian research. Hence, option d) is not the correct answer.

31. **Answer: A**

**Explanation: Reference line:** "This is quite exciting, because it tells you how dynamic Mars' water system is."

a) The constant movement and changes in Mars' water presence.

The phrase suggests an active and evolving water system, which aligns with the idea of constant movement and changes in Mars' water presence. The discovery of frost indicates that water on Mars can appear in different forms and locations, contributing to a dynamic system. Therefore, option a) is the correct answer.

b) The sporadic appearance of water in different forms.

While water appearing in different forms is part of the dynamic system, the emphasis is on the constant and active changes rather than sporadic appearances. Hence, option b) is not the correct answer.

c) The influence of volcanic activity on water distribution.

The passage does not specifically focus on volcanic activity's influence on water distribution. It highlights the presence of frost on volcanoes, but the term 'dynamic water system' refers more broadly to the overall activity and changes in water presence. Thus, option c) is not the correct answer.

d) The potential for life-sustaining water cycles.

The passage does not delve into the potential for life-sustaining water cycles. The focus is on the discovery of frost and its implications for understanding Mars' water system. Hence, option d) is not the correct answer.

32. **Answer: C**

**Explanation: Reference line:** "What we're seeing could be a trace of a past Martian climate."

a) It highlights the potential for human survival on Mars.

The passage does not discuss the implications for human survival in detail. The focus is more on the scientific significance and understanding Mars' climate and water system. Therefore, option a) is not the correct answer.

b) It suggests the possibility of a thicker Martian atmosphere in the past.

While the discovery may imply past climatic conditions, the passage does not specifically address the thickness of Mars' atmosphere. The focus is on the presence of frost and its implications for understanding historical climate processes. Hence, option b) is not the correct answer.

c) It opens up new avenues for understanding Mars' geological history.

This option captures the essence of the researchers' view. The discovery of frost provides insights into Mars' past climate and geological history, indicating that Mars' water system is more complex and dynamic than previously thought. Therefore, option c) is the correct answer.

d) It indicates the need for advanced technological instruments for Mars exploration.

While the passage mentions the role of the Trace Gas Orbiter, the primary focus is not on the need for advanced technology but on the significance of the frost discovery itself. Thus, option d) is not the correct answer.

33. **Answer:** A

**Explanation: Reference Line:** "what happens when you are well short of your best against a world-class team"

a) (1) and (4)

The passage highlights that Scotland's despondency stems from their subpar performance against a world-class team, making their defeat even more painful. The line "a painful reminder of what happens when you are well short of your best against a world-class team" clearly indicates that the fans' disappointment is primarily due to the quality of their opponents and their own team's poor performance. Hence, option (1) is correct as it refers to the high calibre of the opposing team. Additionally, option (4) is correct as it addresses the Scottish team's lackluster performance. Hence, option (a) is the correct answer.

b) (1) and (2)

While the anticipation and buildup to the event were significant, the passage does not directly link this anticipation to the sense of despondency felt by the fans. The primary reasons for the disappointment are more directly related to the quality of the opposing team and the poor performance of the Scottish team. Therefore, option (2) is incorrect as it does not accurately capture the main sources of despondency. Hence, option (b) is not the correct answer.

c) (2) and (3)

The organizational issues at the event are mentioned, but they are not cited as the primary reasons for the fans' despondency. The anticipation leading up to the event is noted, but again, it is not directly tied to the disappointment. The key factors are the team's performance and the quality of the opponents. Therefore, option (3) is incorrect as it does not directly contribute to the despondency. Hence, option (c) is not the correct answer.

d) (3) and (4)

While the organizational issues are noted as problematic, they are not the primary reasons for the fans' despondency. The performance of the Scottish team is indeed a critical factor, but the organizational problems are secondary to the main issue of facing a world-class team. Thus, option (3) is not a primary cause of the despondency. Hence, option (d) is not the correct answer.

34. **Answer:** B

**Explanation: Reference Line:** "a painful reminder of what happens when you are well short of your best against a world-class team"

a) Lack of sufficient support from fans.

The passage does not mention a lack of support from the fans as a challenge. In fact, the anticipation and celebration before the game suggest that fan support was strong. The fans' support is implied to be enthusiastic, given their celebration 20 minutes before kickoff. Hence, option (a) is not the correct answer.

b) The overwhelming strength of their opponents.

The passage clearly states that Scotland faced a world-class team, which was a significant challenge. The line "a painful reminder of what happens when you are well short of your best against a world-class team" underscores the difficulty posed by the high calibre of the opposition. This overwhelming strength is the key challenge highlighted. Hence, option (b) is the correct answer.

c) Inadequate preparation time.

There is no mention in the passage about the Scottish team having inadequate preparation time for Euro 2024. The focus is on their performance against a strong team rather than on their preparation period. Therefore, inadequate preparation time is not cited as a significant challenge. Hence, option (c) is not the correct answer.

d) The absence of key players due to injuries.

The passage does not mention any injuries to key players or their absence as a reason for Scotland's challenges in Euro 2024. The main issue discussed is the team's performance against a strong opponent. Therefore, the absence of key players is not a highlighted challenge. Hence, option (d) is not the correct answer.

35. **Answer:** D

**Explanation: Reference Line:** "From outside the ground, the Aberdeen chairman was bemoaning"

a) The location of the fans during the match.



The phrase "outside the ground" in this context does not refer to the location of the fans during the match. Fans were present both inside and outside the venue, but the reference is more specific to an individual's perspective rather than the general location of fans. Hence, option (a) is not the correct answer.

b) The position of the opposing team's supporters.

There is no indication in the passage that "outside the ground" refers to the opposing team's supporters. The focus is on the perspective of the Aberdeen chairman, not the supporters of the opposing team. Hence, option (b) is not the correct answer.

c) The external environment affecting the event.

While the external environment might play a role in the overall event experience, "outside the ground" in this context is more about the perspective of an individual rather than environmental factors. The passage uses the phrase to highlight the viewpoint of the Aberdeen chairman. Hence, option (c) is not the correct answer.

d) The perspective of a non-participating observer.

"Outside the ground" in the passage refers to the perspective of the Aberdeen chairman, who is observing and commenting on the organizational issues. This indicates a viewpoint from someone not directly involved in the action on the field but still concerned with the event's management. Hence, option (d) is the correct answer.

36. **Answer: C**

**Explanation: Reference Line:** "the fevered level of anticipation that surrounded their involvement" and "the worst organisation I have ever seen"

a) Both statements are true and 2 is the correct explanation of 1.

While statement 1 is true as indicated by the fevered anticipation, statement 2 is false because the organizational setup was criticized as being the worst seen by the Aberdeen chairman. The statements do not logically connect to explain each other as true. Hence, option (a) is not the correct answer.

b) Both statements are true but 2 is not the correct explanation of 1.

Statement 1 is true about the high anticipation, but statement 2 is false regarding the flawless organizational setup. The passage clearly criticizes the organization. Since statement 2 is not true, this option cannot be correct. Hence, option (b) is not the correct answer.

c) Statement 1 is true but statement 2 is false.

The anticipation for Scotland's involvement was indeed high, as described in the passage. However, the organizational setup was far from flawless, with significant criticism highlighted. Therefore, statement 1 is true, and statement 2 is false. Hence, option (c) is the correct answer.

d) Statement 1 is false but statement 2 is true.

The anticipation for Scotland's involvement was explicitly described as high, making statement 1 true. The organizational setup was criticized, making statement 2 false. Therefore, both statements cannot be reversed in their truth values. Hence, option (d) is not the correct answer.

37. **Answer: B**

**Explanation: Reference Line:** "serious questions over whether Steve Clarke can rally a demoralised squad"

a) Introduce new players to replace the current squad.

Introducing new players is not implied by the term "rally a demoralised squad." The focus is on boosting the morale and confidence of the existing players rather than replacing them. The passage does not suggest changes in personnel but rather a need for psychological and motivational support. Hence, option (a) is not the correct answer.

b) Motivate a team that has lost confidence.

The term "rally a demoralised squad" directly implies the need to motivate and uplift a team that has lost its confidence. The context of the passage emphasizes the necessity for Steve Clarke to boost the morale of the existing players to help them perform better in upcoming matches. Hence, option (b) is the correct answer.

c) Seek external help for better training techniques.

While seeking external help for better training might be beneficial, it is not directly implied by the term "rally a demoralised squad." The term focuses more on the psychological aspect of motivation rather than technical training improvements. Hence, option (c) is not the correct answer.

d) Focus on improving the physical fitness of the team.

Improving physical fitness is important, but the term "rally a demoralised squad" primarily refers to addressing the mental and emotional state of the team. The passage highlights the need for motivation and confidence-building rather than physical conditioning. Hence, option (d) is not the correct answer.

38. **Answer: D**

**Explanation: Reference Line:** "The situation is now so stark"

a) The stark landscape was devoid of any life or colour.

This use of 'stark' describes a barren, lifeless landscape. It focuses on the physical appearance rather than a situation or reality, differing from the passage's context of a harsh and undeniable situation. Hence, option (a) is not the correct answer.

b) The room had a stark contrast of light and shadow.

This use of 'stark' describes a visual contrast between light and shadow. It pertains to a clear, noticeable difference in appearance rather than an unavoidable reality, differing from the passage's usage. Hence, option (b) is not the correct answer.

c) The starkness of his warning left no room for doubt.

This use of 'stark' emphasizes the clarity and severity of a warning, which closely relates to the idea of an unavoidable reality. However, it is more about communication than facing a harsh situation. This makes it similar but not entirely mirroring the passage's use. Hence, option (c) is not the correct answer.

d) She faced the stark truth of her situation with bravery.

This use of 'stark' reflects an undeniable, harsh reality, similar to how the passage describes the situation faced by Scotland. It mirrors the context of confronting a difficult and unavoidable truth, aligning well with the passage's usage. Hence, option (d) is the correct answer.

39. **Answer: C**

**Explanation: Reference Line:** "the Aberdeen chairman was bemoaning 'the worst organisation I have ever seen'"

a) **Noun:** A noun is a person, place, thing, or idea. "Organizational" does not fit any of these categories. It doesn't name a person, place, thing, or idea. Therefore, it is not a noun.

b) **Verb:** A verb expresses an action or state of being. "Organizational" does not express an action or state of being. Thus, it is not a verb.

c) **Adjective:** An adjective describes or modifies a noun or pronoun. In the sentence, "organizational" describes the "shortcomings." It tells us what kind of shortcomings they are. So, "organizational" is indeed an adjective.

d) **Adverb:** An adverb modifies a verb, an adjective, or another adverb. "Organizational" does not modify a verb, adjective, or another adverb in the sentence. Hence, it is not an adverb.

40. **Answer: C**

**Explanation: Reference Line:** "It wasn't until 1785 that its activities were banned, as an active conspiracy against the state of Bavaria."

a) Increased public trust in government

Public trust in government generally relies on transparency and openness. Secret societies, by their nature, operate in ways that are hidden from the public eye. This secrecy can lead to suspicions and conspiracy theories about governmental involvement or complicity with these societies. Thus, rather than increasing trust, the existence of unchecked secret societies could erode confidence in governmental institutions. Hence, option (a) is not the correct answer.

b) No impact on societal stability

Secret societies can significantly impact societal norms and governance structures. They often operate with their own agendas, which might be at odds with public interest or state policies. This clandestine activity can lead to instability, as it creates a parallel power structure that competes with official governance. Therefore, it is unlikely that secret societies would have no impact on societal stability. Hence, option (b) is not the correct answer.

c) Heightened suspicion and paranoia among the populace

The very nature of secret societies fosters an environment of secrecy and exclusivity, leading to mistrust among the general population. People may become suspicious of those in power or of the intentions of the secret society, leading to a climate of fear and paranoia. Historical examples, such as the banning of the Illuminati in 1785 due to perceived conspiracies, illustrate

how unchecked secret societies can lead to such societal tensions. Hence, option (c) is the correct answer.

d) Enhanced cooperation among different social groups

Secret societies typically create exclusive groups that are set apart from the broader society. Their secretive operations and selective memberships are more likely to foster division rather than cooperation among different social groups. The distinction between insiders and outsiders inherently breeds separation rather than unity. Hence, option (d) is not the correct answer.

41. **Answer: C**

**Explanation: Reference Line:** "Others promote particular political aims, reactionary as well as revolutionary."

a) By creating public awareness campaigns

Public awareness campaigns are typically open and transparent efforts to inform and engage the public on certain issues. Secret societies, however, operate in secrecy and prefer to influence events behind the scenes rather than through open, public channels. Their clandestine nature makes them ill-suited for creating public awareness campaigns. Hence, option (a) is not the correct answer.

b) Through open debates and public forums

Secret societies, by definition, conduct their activities in secret and are not known for engaging in open public debates or forums. These societies maintain their influence through concealed and often covert means rather than through transparent and public discourse. Hence, option (b) is not the correct answer.

c) By fostering clandestine revolutionary activities

The passage mentions that secret societies promote particular political aims, including revolutionary ones, often operating in secret. These clandestine activities can involve plotting and organizing revolutionary movements without attracting public or governmental scrutiny. Historical secret societies have often been implicated in political conspiracies and revolutions, indicating their significant impact on political movements through hidden agendas. Hence, option (c) is the correct answer.

d) By maintaining transparency and accountability

Secret societies are inherently characterized by their lack of transparency and accountability. Their operations and memberships are kept secret, making it impossible for them to be seen as transparent or accountable entities. Their influence and actions are typically hidden from public view. Hence, option (d) is not the correct answer.

42. **Answer: B**

**Explanation: Reference Line:** "Descriptions of secret societies tend to stress the sharing of secret knowledge and the administration of secret rites, rituals, and initiations, meant to set members and non-members apart."

a) They help establish robust and transparent governance structures

Secret societies operate in secrecy and often parallel to or within existing power structures, without transparency or public oversight. This hidden nature is contrary to the principles of robust and transparent governance, which require openness and accountability. Thus, secret societies are more likely to undermine rather than establish such governance structures. Hence, option (a) is not the correct answer.

b) They contribute to the fragmentation and segmentation of societal groups

The passage emphasizes the differentiation between insiders and outsiders through the sharing of secret knowledge and the administration of rites and rituals. This creates divisions within society, fragmenting it into those who are part of the secret society and those who are not. Such segmentation can lead to social fragmentation and weaken social cohesion. Hence, option (b) is the correct answer.

c) They ensure equitable distribution of resources and opportunities

Secret societies often benefit their members at the expense of non-members, perpetuating inequality rather than promoting equitable distribution. Their selective nature and the secrecy of their operations typically mean that resources and opportunities are concentrated among a chosen few rather than being distributed equitably across society. Hence, option (c) is not the correct answer.

d) They play a significant role in public policy formulation

While secret societies may influence public policy from behind the scenes, their operations are hidden and not subject to public scrutiny or democratic processes. This lack of transparency means that their role in public policy is not overt or officially acknowledged, making it difficult to consider them significant players in transparent public policy formulation. Hence, option (d) is not the correct answer.

43. **Answer: A**

**Explanation: Reference Line:** "The majority of modern secret societies fulfill a social function — fostering friendships, creating communities, circulating ideas, and carrying out charitable services."

a) They engage in community services

The passage indicates that many modern secret societies fulfill social functions by fostering friendships, creating communities, circulating ideas, and carrying out charitable services. This shows that, despite their secretive nature, these societies can and do engage in activities that benefit the wider community. Hence, option (a) is the correct answer.

b) They are mainly dedicated to political upheaval

While some secret societies may promote political aims, the passage states that the majority of modern secret societies fulfill social functions rather than focusing solely on political upheaval. Their roles are diverse and often include fostering communities and charitable services, beyond just political activities. Hence, option (b) is not the correct answer.

c) They primarily focus on criminal activities

Although some secret societies might be involved in criminal activities (such as the Mafia), the passage highlights that the majority of modern secret societies are engaged in more socially oriented functions. They foster communities and carry out charitable services rather than focusing primarily on criminal activities. Hence, option (c) is not the correct answer.

d) They have no major impact on social structures

Secret societies, by fostering communities and engaging in social functions, do have a significant impact on social structures. They create exclusive groups that influence social dynamics and community relations. Therefore, it is incorrect to say that they have no major impact on social structures. Hence, option (d) is not the correct answer.

44. **Answer: B**

**Explanation: Reference Line:** "Descriptions of secret societies tend to stress the sharing of secret knowledge and the administration of secret rites, rituals, and initiations, meant to set members and non-members apart."

a) They serve to include everyone in society

Secret rites and initiations are designed to include only select individuals who meet specific criteria, not everyone in society. These rituals are a means of distinguishing members from non-members, creating exclusivity rather than inclusivity. Hence, option (a) is not the correct answer.

b) They differentiate between members and non-members

The passage clearly states that secret societies use rites, rituals, and initiations to set members apart from non-members. This differentiation is a fundamental aspect of secret societies, establishing a clear boundary between insiders and outsiders. Hence, option (b) is the correct answer.

c) They are performed publicly to gain followers

Secret rites and initiations are typically conducted in private to maintain the secrecy and exclusivity of the society. Performing these rituals publicly would undermine their secretive nature and the society's aim to distinguish insiders from outsiders. Hence, option (c) is not the correct answer.

d) They have no real impact on the cohesion of the group

Secret rites and initiations are crucial for maintaining the cohesion and identity of the group. They reinforce the sense of belonging and commitment among members, which is essential for the group's unity and stability. Therefore, these practices have a significant impact on group cohesion. Hence, option (d) is not the correct answer.

45. **Answer: C**

**Explanation: Reference lines:** "Roads can also disrupt migratory routes, divide up ecosystems, and inhibit intermingling, confining entire species to ever-shrinking habitats."

a) Roads prevent animals from following their traditional migratory paths.

This option correctly infers that roads can hinder animals from following their traditional migratory routes, leading to disruptions in their natural movements. Roads act as physical barriers, blocking the paths that animals have historically used to migrate in search of food, water, and mating opportunities. Hence, this option correctly reflects the passage's point about disrupted migratory routes. Hence, Option (a) is the correct answer.

b) Ecosystems are fragmented by roads, leading to isolated animal populations.

This option correctly infers that roads can fragment ecosystems, which results in isolated populations of animals. By dividing up the land, roads prevent different populations from interacting, which can lead to genetic isolation and reduced biodiversity. This is aligned with the passage's point about ecosystems being divided and intermingling being inhibited. Hence, Option (b) is the correct answer.

c) Roads contribute to the expansion of habitats for various species.

This option incorrectly infers that roads help expand habitats, which contradicts the passage's main point that roads confine species to smaller habitats. Instead of expanding habitats, roads reduce the available space for wildlife by creating physical barriers and causing habitat fragmentation. Therefore, this option is not in line with the passage's message about habitat shrinkage. Hence, Option (c) is not the correct answer.

d) The presence of roads can lead to smaller, isolated animal populations.

This option correctly infers that roads can result in smaller and isolated populations of animals. By confining species to smaller habitats and preventing intermingling, roads can lead to genetic isolation and reduced population sizes. This is consistent with the passage's point about habitat fragmentation and the creation of isolated populations. Hence, Option (d) is the correct answer.

46. **Answer: B**

**Explanation: Reference lines:** "Exposed and unsure about the noisy, unfamiliar terrain presented by an open road..."

a) Animals are fully aware of the dangers of the roads.

This option incorrectly suggests that animals are fully aware of the dangers posed by roads. The term "exposed and unsure" implies a lack of awareness and familiarity with the risks, leading to hesitation and potential danger. The passage indicates that animals are not accustomed to the noisy, unfamiliar terrain of roads, which increases their risk of fatal encounters with vehicles. Hence, Option (a) is not the correct answer.

b) Animals are hesitant and unfamiliar with the risks of crossing roads.

This option correctly implies that animals are hesitant and unfamiliar with the risks associated with crossing roads. The term "exposed and unsure" suggests that animals are not accustomed to the noisy and unfamiliar environment of roads, making them more vulnerable to accidents. This aligns with the passage's description of animals facing the dangers of road crossings. Hence, Option (b) is the correct answer.

c) Animals have adapted to crossing roads with confidence.

This option incorrectly suggests that animals have adapted to crossing roads confidently. The term "exposed and unsure" indicates the opposite: that animals are hesitant and unsure about the unfamiliar terrain presented by roads. The passage highlights the dangers animals face due to their lack of familiarity and hesitation. Hence, Option (c) is not the correct answer.

d) Animals intentionally avoid crossing roads due to known dangers.

This option incorrectly implies that animals intentionally avoid roads because they are aware of the dangers. The term "exposed and unsure" suggests that animals are not fully aware of the risks, leading to hesitation and potentially fatal encounters. The passage indicates that animals may misjudge the speed of approaching vehicles due to their unfamiliarity with roads. Hence, Option (d) is not the correct answer.

47. **Answer: A**

**Explanation: Reference lines:** "...they're treacherous barriers for wildlife seeking food, water, and mates."

a) To highlight the danger and difficulty animals face when crossing roads.

This option correctly highlights the danger and difficulty that animals face when crossing roads. The term "treacherous barriers" emphasizes the severe risks and obstacles that roads present to wildlife, making it clear that crossing roads is hazardous for animals seeking food, water, and



mates. This aligns with the passage's depiction of roads as dangerous barriers. Hence, Option (a) is the correct answer.

b) To suggest that roads are a safe passageway for animals.

This option incorrectly suggests that roads are safe for animals. The term "treacherous barriers" conveys the opposite message, emphasizing the dangers and difficulties animals encounter when crossing roads. The passage makes it clear that roads are hazardous and pose significant risks to wildlife. Hence, Option (b) is not the correct answer.

c) To indicate that roads are beneficial for animal movement.

This option incorrectly indicates that roads benefit animal movement. The term "treacherous barriers" highlights the danger and hindrance that roads pose to wildlife, making it clear that roads are not beneficial for animal movement. The passage describes how roads disrupt migratory routes and divide ecosystems. Hence, Option (c) is not the correct answer.

d) To imply that roads are minor obstacles for wildlife.

This option incorrectly implies that roads are minor obstacles. The term "treacherous barriers" emphasizes the significant danger and difficulty roads present to animals, indicating that they are major obstacles. The passage describes the severe impact roads have on wildlife, including fatalities and habitat fragmentation. Hence, Option (d) is not the correct answer.

48. **Answer: B**

**Explanation: Reference lines:** "...an animal that hesitates or misjudges the speed of an approaching vehicle risks fatal consequences."

a) To emphasize the minor injuries animals, sustain on roads.

This option incorrectly emphasizes minor injuries, whereas the phrase "fatal consequences" highlights the life-threatening risks that animals face due to road crossings. The passage discusses how animals risk fatal encounters when they hesitate or misjudge the speed of approaching vehicles, indicating that the consequences are often deadly. Hence, Option (a) is not the correct answer.

b) To illustrate the life-threatening risks animals, face due to road crossings.

This option correctly illustrates the life-threatening risks that animals face when crossing roads. The phrase "fatal consequences" underscores the severe danger and potential for death that animals encounter when they misjudge or hesitate on the roads. This aligns with the passage's description of the dangers of road crossings for wildlife. Hence, Option (b) is the correct answer.

c) To describe the inconvenience caused to drivers by animals on roads.

This option incorrectly shifts the focus to the inconvenience caused to drivers. The phrase "fatal consequences" is meant to highlight the deadly risks for animals, not the inconvenience for drivers. The passage emphasizes the life-threatening danger to wildlife, not the impact on human drivers. Hence, Option (c) is not the correct answer.

d) To suggest that animals are unharmed by vehicles.

This option incorrectly suggests that animals are unharmed by vehicles. The phrase "fatal consequences" clearly indicates that animals face deadly risks when encountering vehicles on roads. The passage discusses the high number of wildlife-vehicle collisions that result in fatalities for animals. Hence, Option (d) is not the correct answer.

49. **Answer: D**

**Explanation: Reference lines:** "Exposed and unsure about the noisy, unfamiliar terrain presented by an open road, an animal that hesitates or misjudges the speed of an approaching vehicle risks fatal consequences."

a) Because roads offer abundant resources for wildlife, improving their survival.

This option incorrectly suggests that roads offer resources that improve wildlife survival. An adversarial relationship means that roads pose significant threats and challenges to wildlife, rather than providing benefits. The passage emphasizes the dangers and disruptions that roads cause for wildlife, leading to fatalities and habitat fragmentation. Hence, Option (a) is not the correct answer.

b) Because roads enhance the connectivity of wildlife habitats, promoting biodiversity.

This option incorrectly suggests that roads enhance connectivity and promote biodiversity. An adversarial relationship indicates conflict and negative impacts, not positive outcomes. The passage highlights how roads fragment habitats and isolate populations, which is detrimental to biodiversity. Hence, Option (b) is not the correct answer.

c) As wildlife benefit from roads by using them as migration pathways.

This option incorrectly suggests that roads benefit wildlife by serving as migration pathways. An adversarial relationship means that roads create significant challenges and threats for wildlife. The passage describes how roads disrupt migratory routes and create barriers, leading to dangerous and often fatal encounters for animals. Hence, Option (c) is not the correct answer.

d) As roads impose lethal challenges and disrupt the natural habitats of wildlife.

This option correctly characterizes the relationship between wildlife and roads as adversarial. Roads impose lethal challenges, such as vehicle collisions, and disrupt natural habitats, leading to habitat fragmentation and isolated populations. The passage emphasizes the severe and negative impacts that roads have on wildlife. Hence, Option (d) is the correct answer.

50. **Answer: C**

**Explanation: Reference Lines:** "One solution that's gaining traction is the wildlife crossing. Built over or under roadways, crossing structures allow animals to use custom-designed bridges and tunnels to get to the other side safely."

a) Installing more road signs to alert drivers of wildlife presence.

This option incorrectly suggests that installing road signs is a solution mentioned in the passage. The passage does not discuss road signs as a method to address wildlife-vehicle collisions. Instead, it focuses on structural solutions like wildlife crossings. Hence, Option (a) is not the correct answer.

b) Reducing the speed limits on roads near wildlife habitats.

This option incorrectly suggests that reducing speed limits is a solution mentioned in the passage. The passage does not mention speed limit reductions as a method to address wildlife-vehicle collisions. It emphasizes the construction of wildlife crossings as a more effective solution. Hence, Option (b) is not the correct answer.

c) Building wildlife crossings over or under roadways.

This option correctly identifies building wildlife crossings as a solution mentioned in the passage. The passage highlights wildlife crossings as a way to allow animals to cross roads safely, using custom-designed bridges and tunnels. This solution aims to reduce the number of wildlife-vehicle collisions and protect animal populations. Hence, Option (c) is the correct answer.

d) Increasing vehicle lighting to prevent collisions at night.

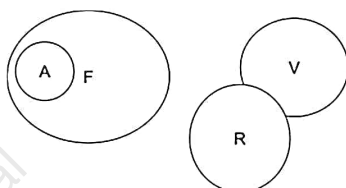
This option incorrectly suggests that increasing vehicle lighting is a solution mentioned in the passage. The passage does not discuss vehicle lighting as a method to address wildlife-vehicle collisions. It focuses on structural solutions like wildlife crossings to protect animals. Hence, Option (d) is not the correct answer.

**SECTION – B: CURRENT AFFAIRS AND GENERAL KNOWLEDGE**

- |                      |                      |                      |                      |                      |
|----------------------|----------------------|----------------------|----------------------|----------------------|
| 51. <b>Answer:</b> D | 52. <b>Answer:</b> C | 53. <b>Answer:</b> C | 54. <b>Answer:</b> A | 55. <b>Answer:</b> C |
| 56. <b>Answer:</b> A | 57. <b>Answer:</b> C | 58. <b>Answer:</b> B | 59. <b>Answer:</b> A | 60. <b>Answer:</b> D |
| 61. <b>Answer:</b> D | 62. <b>Answer:</b> B | 63. <b>Answer:</b> C | 64. <b>Answer:</b> C | 65. <b>Answer:</b> D |
| 66. <b>Answer:</b> B | 67. <b>Answer:</b> C | 68. <b>Answer:</b> D | 69. <b>Answer:</b> A | 70. <b>Answer:</b> B |
| 71. <b>Answer:</b> C | 72. <b>Answer:</b> C | 73. <b>Answer:</b> D | 74. <b>Answer:</b> A | 75. <b>Answer:</b> C |
| 76. <b>Answer:</b> B | 77. <b>Answer:</b> A | 78. <b>Answer:</b> C | 79. <b>Answer:</b> A | 80. <b>Answer:</b> B |

**SECTION – C: LOGICAL REASONING**

81. **Answer: D**  
**Explanation:**



Conclusion I: Some Roots are Apples.

Given that all Apples are Fruits and no Fruits are Vegetables, and considering some Vegetables are Roots, there is a clear distinction that separates Roots (at least the ones that are Vegetables) from Fruits. Since Apples are a subset of Fruits, they cannot overlap with Roots that are part of the Vegetable category. Thus, this conclusion is False.

Conclusion II: No Apple is a Vegetable.

Since all Apples are Fruits and it is stated that no Fruit is a Vegetable, it logically follows that no Apple can be a Vegetable. This is a direct implication of the premises and is therefore True.

Conclusion III: Some Roots are not Fruits.

Given that some Vegetables are Roots, and since no Vegetables can be Fruits, this conclusion follows directly. Any Root that is a Vegetable cannot be a Fruit. This conclusion is True.

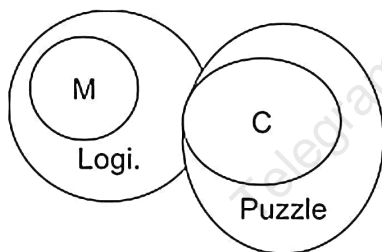
82. **Answer: D**  
**Common Explanation (Q82 to Q83):**  
**The final arrangement is as follows:**

Floors	Players
8	Rohit
7	Pollard/Jaydev
6	Archer
5	Rahul
4	Surya
3	Jasprit
2	Jaydev/Pollard
1	Tushar

83. **Answer: D**

84. **Answer: D**

85. **Answer: C**  
**Explanation:**



Conclusion a) "Some mathematicians love puzzles" does not necessarily follow because not all logical people (including mathematicians) are curious, a needed criterion to love puzzles.

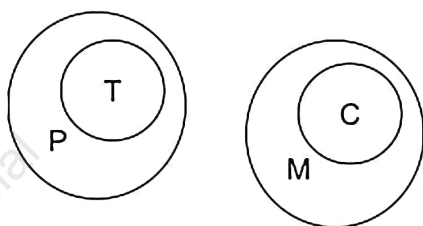
Conclusion b) "All curious people are mathematicians" does not follow because being curious, while overlapping with logical, does not mean one is necessarily a mathematician.

Conclusion c) "If someone is curious and logical, they must love puzzles" follows directly because all curious individuals love puzzles, and if they are also logical (a group that includes mathematicians), this connection stands.

Conclusion d) "Every logical person is a mathematician" does not follow because being logical is a broader category than just mathematicians, as indicated by "some logical people are curious."

86. **Answer: C**

**Explanation:**



Conclusion I: No Tree is a Machine.

Although it might seem logical that since no Tree is a Computer and all Computers are Machines, Trees should not be Machines, this doesn't necessarily follow unless we assume all Machines are Computers, which we cannot definitively claim based on the premises alone. If there are other types of Machines that are not Computers, Trees could theoretically be part of those other Machine types (although practically unlikely). So, we cannot conclude this definitively. This conclusion is Not Necessarily True.

Conclusion II: All Machines are Computers.

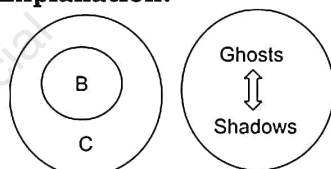
This conclusion is definitely false. The premise "All Computers are Machines" does not imply the reverse, that all Machines are Computers. There could be other types of Machines not covered by being Computers. Thus, this is False.

Conclusion III: Some Machines are not Trees.

Given that no Trees are Computers and all Computers are Machines, it follows logically that the subset of Machines that are Computers are not Trees. This does not exclude the possibility of other Machines existing, but it still holds that some Machines (the Computers at least) are not Trees. This conclusion is True because it correctly reflects the separation between Trees and at least one known subset of Machines (Computers).

87. **Answer: A**

**Explanation:**



Premise 1: "All Birds are Creatures" establishes that every Bird falls under the category of Creatures.

Premise 2: "No Creature is a Ghost" implies that there is no overlap between Creatures (which include all Birds) and Ghosts.

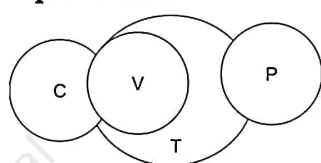
Premise 3: "All Ghosts are Shadows" and Premise 4: "All Shadows are Ghosts" create a one-to-one correspondence between Ghosts and Shadows, meaning that all Ghosts are Shadows and all Shadows are Ghosts.

Given these premises, since no Creature (and thus no Bird) can be a Ghost, and since all Shadows are Ghosts, it logically follows that no Bird can be a Shadow. Therefore, the correct answer is:

a) No Birds are Shadows.

88. **Answer: D**

**Explanation:**





Premise 1: "Some cars are vehicles" establishes that a subset of cars are included within the category of vehicles.

Premise 2: "All vehicles are transports" explicitly states that every vehicle, without exception, is classified as a transport.

Premise 3: "Some transports are planes" suggests that there is a subset of transports that are planes.

From these premises:

Conclusion a) "Some planes are cars" does not necessarily follow because while some transports are planes and all vehicles are transports, there is no direct link or overlap specified between cars (which are only some vehicles) and planes.

Conclusion b) "At least some planes are vehicles" does not necessarily follow because the subset of planes that are transports could potentially not overlap with the subset of transports that are vehicles.

Conclusion c) "No vehicles are cars" is directly contradicted by the first premise which states that some cars are indeed vehicles.

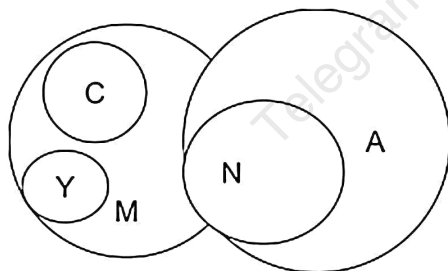
Conclusion d) "All vehicles are transports" is a direct restatement of the second premise and is therefore the only statement that necessarily follows, as it is explicitly provided in the premises.

Thus, the correct answer is:

d) All vehicles are transports.

89. **Answer: D**

**Explanation:**



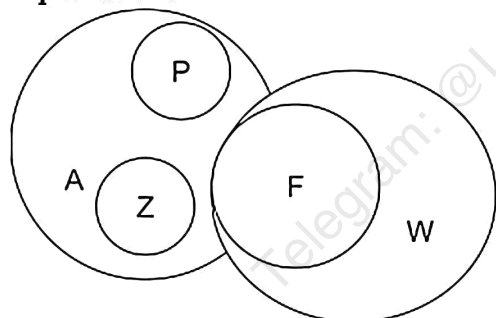
Conclusion a) "All active creatures are nocturnal" does not necessarily follow because being active is a property of all nocturnal beings, but other creatures could also be active without being nocturnal.

Conclusion b) "If 'Y' is nocturnal, it must be a cat" does not follow because while all cats are mammals, not all mammals (and thus not all nocturnal mammals) are cats.

Conclusion c) "Y must be active" does not follow since Y being a mammal does not necessarily make it nocturnal, and thus not necessarily active.

90. **Answer: C**

**Explanation:**



Given that Z is an artist, we can review the options:

a) Z is wealthy: This statement would only be true if Z is also famous, which isn't specified. Since some, but not all, artists are famous, we can't conclude that Z, just by being an artist, is necessarily wealthy.

b) Z cannot be a painter: This statement is incorrect based on the first premise that every painter is an artist. Since Z is an artist, Z could be a painter but doesn't have to be. Thus, stating Z cannot be a painter is false.

c) If Z is a famous artist, Z must be wealthy: This statement is true. Given the premise that all famous individuals are wealthy, if Z is a famous artist, it necessarily follows that Z is wealthy.

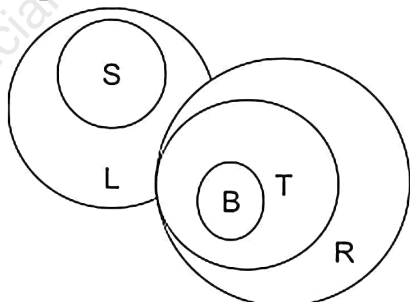
d) Both a and c: Since statement "a" does not necessarily follow (we don't know if Z is famous), the correct answer cannot include "a".

Therefore, the correct choice that necessarily follows from the given statements and the situation is:

c) If Z is a famous artist, Z must be wealthy.

91. **Answer: A**

**Explanation:**



Conclusion a) "Book can be learner and it reads." necessarily follows because all teachers are readers and Book is a teacher, so it must read. Additionally, since all teachers are learners and Book is a teacher, Book is also a learner.

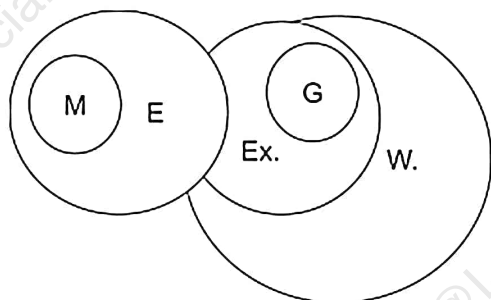
Conclusion b) "Book is a learner and a student." does not necessarily follow because while all students are learners, not all learners are students, and being a teacher does not imply being a student.

Conclusion c) "Book is a learner but neither reads nor is a student." contradicts the premise that all teachers read.

Conclusion d) "Book is a learner. As to whether it is a student, and as to whether it reads, there is not sufficient information." is incorrect because it is established that teachers read.

92. **Answer: D**

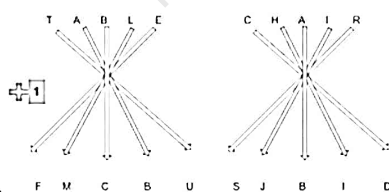
**Explanation:**



Conclusion d) "Grace is wealthy. As to whether she is an employee, there is not sufficient information." is correct.

93. **Answer: B**

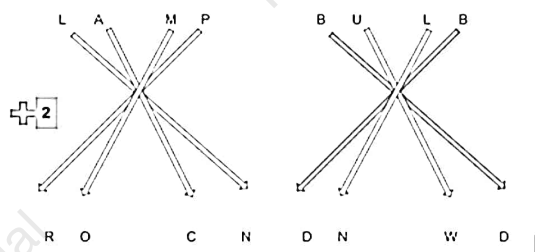
**Explanation:**



Explanation:

94. **Answer:** D

**Explanation:**



95. **Answer:** A

**Explanation:** Each Vowel in the word is shifted by 3 positions forward AND consonants are 2 place backwards

A -> E

P -> M

P -> M

L -> I

E -> I

Following this rule,

O -> S

C -> Z

E -> I

A -> E

N -> K

So, OCEAN becomes SZIEK.

96. **Answer:** B

**Explanation:** Each VOWEL in the word is shifted by 1 positions forward AND consonants are 1 place backwards

T -> R

I -> K

G -> E

E -> G

R -> P

Following this rule,

M -> K

U -> W

S -> Q

I -> K

C -> A

97. **Answer:** D

**Explanation:** Medicine is used to treat disease, just as education is used to treat ignorance. Both medicine and education serve to eliminate a negative condition.

98. **Answer:** A

**Explanation:** A conductor leads an orchestra, just as a director leads a movie. Both conductor and director guide the performance of their respective groups.

99. **Answer:** D

**Explanation:** A butterfly undergoes metamorphosis, just as a seed undergoes germination. Both processes describe a transformation from one state to another.

100. **Answer:** B

**Explanation:** The heart is responsible for circulation, just as the lung is responsible for respiration. Both organs perform a vital function necessary for sustaining life.

101. **Answer:** D

**Explanation:** Since B receives a cupcake, condition 3 is satisfied.

According to condition 1, if A receives a cupcake, then B must also receive one. Since B does receive a cupcake, it's permissible and indeed logical for A to also receive one.

If C receives a cupcake, then neither D nor E can receive a cupcake according to condition 2. Thus, C receiving a cupcake prevents D and E from getting one.

Therefore, the only remaining option for the third cupcake is F.

Option b) A, C, and F is valid because it meets all conditions: A gets a cupcake because B does, C's receipt of a cupcake blocks D and E from receiving one, and F receives the remaining cupcake.

Also, option c also meets the conditions.

102. **Answer:** D

**Explanation:** The possible arrangement will be Technology, Business, Innovation/Art, Health and Art/Innovation.

103. **Answer:** D

**Explanation:** Only option d adheres to all the given conditions

104. **Answer:** A

**Explanation:** Option a adhere to all the condition, rose and violet can be in either pot 2 and pot 3 but checking the options only one option satisfy the conditions i.e option a.

105. **Answer:** C

**Explanation:** 1. B sits in the third position.

This means:

The arrangement so far is: \_ \_ B \_ \_ \_

2. C must sit to the immediate left of B.

This places C immediately to the left of B:

The arrangement so far is: \_ C B \_ \_ \_

3. A sits next to D.

Since A and D must sit next to each other, their possible placements need to be considered alongside the other conditions.

4. E can sit anywhere to the left of A.

For E to sit to the left of A, A cannot occupy the first position. E's position will depend on where A is placed.

5. F cannot sit at either end of the line.

This means F must be placed somewhere between the ends, which still leaves positions 2, 4, and 5 open (since position 3 is occupied by B, and position 1 is not allowed for F).

Considering the possible placement for A and D:

If A and D were to be placed to the right of B (in positions 4 and 5), F would have only position 2 left for sitting which violates the condition of F not being at either end. Hence, A and D must occupy positions 4 and 5 (with A in position 5 for E to be to the left of A).

Placing E and F:

E has to be to the left of A and can occupy any position from 1 to 4. With B and C already placed and F needing not to be at an end but within the middle somewhere, the only viable position for F is position 4 (E cannot be in 4 as it is not left of A), and E must be in position 1.

Final arrangement: E C B F A D

This meets all conditions:

A is next to D.

C is to the immediate left of B.

E is to the left of A.

F is not at either end.

The person who sits in the first position is E.

Answer: C. **E**

106. **Answer:** D

**Explanation:** All the conditions are satisfied here, if we take S as the first day, S, T, Q, R, P

This is the only possible arrangement

107. **Answer:** B

**Explanation:** This series alternates between subtracting 10 from the number and adding 5 to the subsequent number.

Starting with 90, subtract 10 gives 80.

Then add 5 to 80, resulting in 85.

Next, subtract 10 from 85 to get 75.

Now, add 5 to 75, which results in 80.

Therefore, the next number in the series is 80.

108. **Answer:** B

**Explanation:** This series is a geometric progression where each number is multiplied by 3 to get the next number.

Starting with 3, multiply by 3 to get 9.

Then multiply 9 by 3 to achieve 27.

Next, multiply 27 by 3 to arrive at 81.

Now, multiply 81 by 3, which results in 243.

Therefore, the next number in the series is 243.

109. **Answer:** A

**Explanation:** This series follows a pattern where each number is approximately doubled and then adjusted by subtracting or adding a small number. Specifically, the sequence adds 6, then 12, then 24, which are all multiples of 6 and double the previous increment.

Starting with 5, add 6 to get 11.

Then add 12 (double of 6) to 11 to get 23.

Next, add 24 (double of 12) to 23 to get 47.

Now, to continue the pattern, add 48 (double of 24) to 47, which results in 95.

Therefore, the next number in the series is 95.

110. **Answer:** D

**Explanation:** This series is an alternating-sign geometric progression where each number is multiplied by -2 to get the next number.

Starting with 4, multiply by -2 to get -8.

Then multiply -8 by -2 to get 16.

Next, multiply 16 by -2 to get -32.

Now, multiply -32 by -2, which results in 64.

111. **Answer:** B

**Explanation:** Mr. M is the father of Mr. N and Ms. P, making Ms. P the sister of Mr. N. Since Mr. O is the son of Mr. N, Ms. P is the aunt of Mr. O.

112. **Answer:** D

**Explanation:** The passage specifies that Henry is the middle brother among his siblings, indicating that there is one older and one younger sibling. Since the siblings are Sam, Henry, and Lisa, and Henry cannot be the oldest or youngest as he is the middle child, the older sibling and youngest sibling can be either Lisa or Sam. No other options can be determined conclusively.

113. **Answer:** C

**Explanation:** The girl in the photograph is the daughter of the only daughter of Meena's father. This implies that Meena is the only daughter of her father. Therefore, the girl in the photograph must be Meena's daughter. Hence, Meena is the mother of the girl, making option (c) the correct answer.

114. **Answer:** A

**Explanation:** Identify Rajesh's grandfather's only son:

"The only son of my grandfather" means Rajesh's father, as Rajesh's grandfather has only one son.

Determine who "His brother's father" refers to:

The man in the photograph has a brother.



"His brother's father" means the father of the man in the photograph and his brother.  
According to Rajesh, this person (the father of the man in the photograph and his brother) is Rajesh's father.  
If the father of the man in the photograph is Rajesh's father, then the man in the photograph is Rajesh's brother.  
Therefore, Rajesh is the brother of the man in the photograph.

115. **Answer:** C

**Explanation:** Varun states that the lady's mother is the only sister of his father. This means that the lady's mother and Varun's father are siblings. Therefore, the lady is the daughter of Varun's aunt (his father's sister). This makes Varun and the lady cousins, as their parents are siblings. Hence, the correct answer is option (c) Cousin.

116. **Answer:** C

**Explanation:** a) Elderly individuals inherently possess the ability to learn new skills regardless of the complexity.

The statement suggests that older adults naturally have the capacity to learn new skills. While this might be true, it is not relevant to the author's argument about the benefits of struggling with technology. The focus is on the cognitive benefits derived from engaging with challenging tasks, not on the inherent ability of elderly individuals to learn. Hence, option a is not the correct answer.

b) Cognitive engagement in challenging tasks correlates with improved mental health in the elderly.

This option indicates that challenging tasks improve mental health. While the passage discusses improved cognitive abilities and memory, it does not specifically mention mental health. The key assumption is more about the impact of struggling with technology on cognitive development rather than a direct correlation with mental health. Hence, option b is not the correct answer.

c) Dependence on assistance for technology use can hinder the cognitive development of older adults.

This statement aligns well with the passage's implication that struggling with technology on their own leads to cognitive improvements. The idea that reliance on help could impede cognitive benefits is a core assumption behind the argument that engaging with technology independently is beneficial. Hence, option c is the correct answer.

d) The ability to use modern technology is a crucial factor for the social inclusion of elderly adults.

This option introduces the concept of social inclusion, which is not addressed in the passage. The focus of the passage is on cognitive abilities and memory improvement through the independent use of technology, not on social inclusion. Hence, option d is not the correct answer.

117. **Answer:** C

**Explanation:** a) The elderly are inherently philosophical by nature.

The passage discusses how aging leads to existential introspection but does not imply that the elderly are inherently more philosophical. The emphasis is on the experiences and concerns that arise with aging, not on an inherent philosophical nature. Hence, option a is not the correct answer.

b) Younger individuals do not face similar existential questions.

The passage does not compare the existential concerns of younger individuals to those of the elderly. It focuses on the elderly's experience with these questions without making a claim about the absence of such concerns in younger people. Hence, option b is not the correct answer.

c) Mortality becomes a more pressing concern as people age.

The passage highlights that aging brings about grappling with existence and mortality. This suggests that thoughts about mortality become more significant with age, an assumption underpinning the author's discussion on elderly individuals' existential introspection. Hence, option c is the correct answer.

d) The meaning of life is a universally unresolved question.

While the passage touches on existential questions, it does not assert that the meaning of life is universally unresolved. It focuses more on the specific introspection experienced by the elderly

rather than making a broad claim about the universality of these questions. Hence, option d is not the correct answer.

118. **Answer: B**

**Explanation:** a) Modernizing tax legislation is seen as essential to harmonize with contemporary business practices.

This option suggests that there is an inherent belief in the necessity of updating tax laws to align with current business methods. While the bill does aim to modernize and streamline the excise law, this is not the primary implicit assumption. The emphasis is on eliminating outdated provisions and aligning with GST, rather than a general need to modernize. Hence, Option (a) is not the correct answer.

b) Redundant provisions in the current excise law are perceived to impede operational efficiency. The bill explicitly aims to repeal outdated provisions made obsolete by the GST, indicating a belief that these redundant provisions hinder the ease of doing business. This assumption is crucial for justifying the new bill, as it suggests that removing these provisions will improve efficiency and align excise duties with modern tax frameworks. Hence, Option (b) is the correct answer.

c) Aligning excise duties with GST provisions will meet industry demands for streamlined tax policies.

This option focuses on the alignment of excise duties with GST as a response to industry demands. While this is part of the bill's intent, it does not address the underlying issue of outdated provisions impeding business efficiency. The primary assumption is that removing these redundant provisions will improve operations, not merely aligning with GST. Hence, Option (c) is not the correct answer.

d) Industry stakeholders are presumed to prefer outdated excise provisions despite new tax reforms. This option contradicts the passage, which suggests that the bill addresses long-standing demands from industry stakeholders for reform. The stakeholders are not presumed to prefer outdated provisions; rather, they have likely advocated for modernization. This misinterpretation of stakeholder preferences makes this assumption incorrect. Hence, Option (d) is not the correct answer.

119. **Answer: B**

**Explanation:** a) Only I

The passage emphasizes that art highlights cultural differences and provides insights into diverse cultures. While it might bridge gaps, this is not explicitly stated as a primary function in the passage. The focus is more on understanding and appreciation rather than bridging gaps. Hence, option a is not the correct answer.

b) Only II

The passage clearly suggests that art plays a significant role in understanding and appreciating multiculturalism, implying that appreciating art from different cultures is crucial for fostering a multicultural society. Hence, option b is the correct answer.

c) I and III

While the passage implies that understanding multiculturalism would be challenging without art, it does not explicitly state that art serves to bridge gaps between communities. The combination of I and III does not fully align with the passage's main points. Hence, option c is not the correct answer.

d) II and III

Although the passage suggests that artistic expression is important for understanding multiculturalism, it does not explicitly claim that this understanding would be impossible without art. The focus is more on appreciation rather than necessity, making II the only appropriate inference. Hence, option d is not the correct answer.

120. **Answer: C**

**Explanation:** a) Only I

The passage indicates that the World Bank's guidelines struggle to separate economic and political factors effectively, supporting this inference. However, this option alone misses the additional point about the inherent challenge in maintaining this separation, as noted in III. Hence, option a is not the correct answer.

b) Only II

This option suggests that political considerations undermine economic objectives, but the passage indicates that these considerations complicate rather than completely undermine economic goals. It is more about the challenge of separation rather than an outright undermining. Hence, option b is not the correct answer.

c) Only I and III

Statement I correctly infers that the guidelines do not always separate economic and political factors effectively. Statement III captures the passage's idea that maintaining a purely economic focus is unrealistic due to political influences. Together, these provide a comprehensive inference from the passage. Hence, option c is the correct answer.

d) Only II and III

While III is accurate, II overstates the negative impact of political considerations. The passage describes these influences as complicating the process rather than outright undermining economic objectives. Thus, the combination of II and III does not fully align with the passage's message. Hence, option d is not the correct answer.

121. **Answer: B**

**Explanation:** a) Only I follows

This option suggests that a lack of diversity results in a lack of innovation. However, the statements only indicate that diversity tends to increase innovation, not that its absence guarantees a lack of innovation. Other factors could also influence a company's innovation capabilities, so concluding that non-innovative companies lack diversity is an overreach. Hence, option a is not the correct answer.

b) Only II follows

This option is correct because the statements clearly link diverse perspectives and ideas to increased innovation. By stating that diversity fosters creativity and problem-solving, it implies that these diverse perspectives and ideas are crucial for a company's innovation. Thus, option b accurately reflects the essence of the statements. Hence, option b is the correct answer.

c) Both I and II follow

This option is incorrect because, while conclusion II can be inferred, conclusion I is not supported by the statements. The statements do not provide sufficient evidence to claim that non-innovative companies lack a diverse workforce, as other factors might contribute to their lack of innovation. Hence, option c is not the correct answer.

d) Neither I nor II follows

This option is incorrect because, as explained, conclusion II can indeed be inferred from the statements. The statements explicitly suggest the importance of diverse perspectives and ideas for innovation, making this option incorrect. Hence, option d is not the correct answer.

122. **Answer: D**

**Explanation:** a) Only I

This option is incomplete. While the passage implies that people are tired and looking to reestablish their relationship with work, it does not explicitly state that mental health and well-being are being prioritized over traditional career advancement alone. The passage indicates a broader rethinking of work values. Hence, option a is not the correct answer.

b) Only II

This option is also incomplete. Although the passage mentions "The Great Resignation" and hints at a desire to reestablish a relationship with work, it does not specifically state that this is primarily driven by a desire for more fulfilling work environments. Other factors, such as exhaustion and work-life balance, are also implied. Hence, option b is not the correct answer.

c) Both I and III

This option is partially correct but not the best answer. The passage suggests that work-life balance is important and that people are exhausted, implying a need to prevent burnout. However, it does not fully cover the prioritization of mental health over career advancement as the sole driver. Hence, option c is not the correct answer.

d) I, II, and III

This option is correct. The passage indicates a significant shift in how people view their work, suggesting that the workforce is prioritizing mental health (I), seeking more fulfilling environments (II), and recognizing the importance of work-life balance to prevent burnout (III). Hence, option d is the correct answer.

123. **Answer:** A

**Explanation:** a) The current government has prioritized the welfare of all segments of society, reflecting its inclusive approach.

This option is correct because it accurately reflects the passage's emphasis on inclusive governance and the focus on growth, youth development, gender equality, and nation-building, aligning with the principle of "sabka saath sabka vikas sabka vishwas." The use of GYAN further underscores this inclusive approach. Hence, option a is the correct answer.

b) Modi's tenure has resulted in significant economic instability and institutional breakdowns.

This option is incorrect as it contradicts the passage, which highlights institutional and economic development rather than instability and breakdowns. The passage portrays a positive view of the Modi-led government's achievements. Hence, option b is not the correct answer.

c) The focus on youth and women's empowerment has not been a priority for the current government.

This option is incorrect because it contradicts the passage's statement that the government has focused on youth and women's empowerment (GYAN). The passage clearly states these areas as priorities under PM Modi's leadership. Hence, option c is not the correct answer.

d) Democracy in India has shown signs of decline under the current administration.

This option is incorrect as it is the opposite of what the passage suggests. The passage indicates a maturing democracy rather than a decline, highlighting positive developments under the current administration. Hence, option d is not the correct answer.

124. **Answer:** A

**Explanation:** a) Digitalization is fundamental for improving the modernization and operational efficiency of legal practices.

This option is correct because it aligns with the passage's implication that digitalization is a key factor in transforming and modernizing legal practices. It assumes that without digitalization, the legal system would struggle to become more efficient and up-to-date. Hence, Option (a) is the correct answer.

b) Traditional legal customs and manual procedures are insufficient to address current governance challenges.

While this option points out the insufficiency of traditional methods, it does not explicitly connect this insufficiency to the necessity of digitalization. It highlights a problem but doesn't address the specific solution of digital transformation. Hence, Option (b) is not the correct answer.

c) The integration of common law with traditional customs is inadequate for supporting contemporary legal needs.

This option suggests that the combination of common law and traditional customs fails to meet modern requirements, but it does not explicitly state that digitalization is needed to address this inadequacy. It focuses more on the inadequacy without connecting it to the digital solution. Hence, Option (c) is not the correct answer.

d) Technological advancements are indispensable for achieving enhanced governance and service delivery in the legal realm.

Although this option emphasizes the importance of technology, it overstates the argument by implying that no other means could enhance governance and service delivery. This stronger claim goes beyond the passage's implication, which focuses on digitalization as a key factor rather than the only factor. Hence, Option (d) is not the correct answer.

125. **Answer:** D

**Explanation:** a) The cost of fossil fuel-based energy systems is expected to rise significantly in the near future.

While an increase in fossil fuel costs might support renewable energy investment, it does not address the benefits in the context of initial costs. This statement focuses on future cost projections rather than the immediate financial benefits of renewable energy investments. Hence, option a is not the correct answer.

b) Renewable energy projects can be completed more quickly than fossil fuel-based projects.

Speed of project completion does not relate to the financial benefits that can offset the higher initial costs. Although faster completion might have some advantages, it does not address the cost savings and environmental benefits emphasized in the passage. Hence, option b is not the correct answer.

c) Renewable energy sources are less affected by geopolitical tensions compared to fossil fuels. Reduced impact from geopolitical tensions is advantageous but does not relate to financial benefits overcoming initial costs. This statement highlights a stability factor rather than the financial and environmental benefits mentioned in the passage. Hence, option c is not the correct answer.

d) The maintenance costs of renewable energy infrastructure are lower than those of traditional energy systems.

Lower maintenance costs provide a clear financial benefit that helps offset the higher initial investment, supporting the claim that renewable energy projects are beneficial despite their higher setup costs. This statement aligns with the passage's emphasis on long-term savings and environmental benefits. Hence, option d is the correct answer.

126. **Answer: A**

**Explanation:** a) Studies have revealed that other countries with similar trade practices have not been subjected to such stringent measures by the US.

This option suggests that the US is selectively targeting China despite other countries engaging in similar trade practices. If the US was truly driven by national security concerns, it would presumably apply similar measures to all countries posing similar threats. The inconsistency in applying stringent measures undermines the claim that national security is the primary motivation behind the legislation. Hence, Option (a) is the correct answer.

b) Independent analysts have shown that the economic impacts of the legislation disproportionately benefit specific US industries.

This option points to economic benefits for certain industries but does not refute the national security rationale. It's possible for legislation to have multiple motivations, including economic benefits, without negating national security concerns. Therefore, while this information is suggestive, it does not sufficiently undermine the primary argument. Hence, Option (b) is not the correct answer.

c) Previous administrations also passed similar legislation but framed it primarily as economic competition rather than national security.

This option provides historical context but does not challenge the current administration's claim. The framing by previous administrations does not necessarily reflect the motivations of the current legislation under the Biden administration. Therefore, this information does not significantly weaken the argument about national security concerns. Hence, Option (c) is not the correct answer.

d) US companies affected by the legislation have significantly increased their lobbying efforts to counter Chinese competition.

Increased lobbying efforts suggest that US companies are concerned about economic competition. However, this does not undermine the national security argument, as economic and security concerns can coexist. Lobbying efforts alone do not provide conclusive evidence that national security is not a primary driver. Hence, Option (d) is not the correct answer.

127. **Answer: D**

**Explanation:** Option a: Students will inherently find value in digital simulations over real-world experiences.

This option assumes that students will naturally see greater value in digital simulations compared to real-world experiences. However, the passage does not make any claims or assumptions about the comparative value of these experiences. Instead, it focuses on the potential for entrepreneurial development within the Metaverse without suggesting that digital simulations are superior or more valuable than real-world experiences. The author's emphasis is on the innovative and unique opportunities available in the Metaverse, not on a preference for digital over physical experiences. Hence, Option (a) is not the correct answer.

Option b: The skills developed in virtual realms are transferable to entrepreneurial ventures.

This option suggests that the skills students develop in virtual realms can be directly applied to entrepreneurial activities. While the passage does discuss the potential for students to develop and apply their entrepreneurial skills within the Metaverse, it does not explicitly or implicitly claim that these skills are inherently transferable. The focus is on the opportunities for skill development and creativity within the Metaverse environment rather than on the transferability of these skills to other contexts. Therefore, this assumption goes beyond the scope of what the author implies. Hence, Option (b) is not the correct answer.



Option c: Educational institutions are likely to integrate Metaverse technologies into curricula. This option assumes that educational institutions will adopt and integrate Metaverse technologies into their teaching practices. The passage, however, does not address or imply any likelihood of such institutional integration. It concentrates on the potential benefits and opportunities for students who engage with the Metaverse on their own or in existing frameworks, rather than predicting or assuming future curricular changes by educational institutions. The assumption here introduces a separate consideration that is not discussed in the passage. Hence, Option (c) is not the correct answer.

Option d: The Metaverse offers entrepreneurial opportunities not present in traditional settings. This option correctly identifies that the passage assumes the Metaverse provides unique entrepreneurial opportunities that are distinct from those found in traditional environments. The passage highlights the combination of online gaming, VR, AR, and social media, which collectively create new and diverse opportunities for entrepreneurship. This focus on the distinctiveness and novelty of opportunities within the Metaverse supports the author's perspective on its potential for fostering entrepreneurship and creativity among students. Hence, Option (d) is the correct answer.

128. **Answer: B**

**Explanation:** I. The government aims to improve its efficiency and accountability through the National Litigation Policy.

This conclusion is supported by the statement from the Minister for Law and Justice, who explicitly mentions transforming the government into an efficient and responsible entity. The policy's goals of reducing legal costs and the number of government-related cases further support this conclusion. Hence, Option (I) is a correct conclusion.

II. The introduction of new criminal laws may impact the court system and legal proceedings. This conclusion can be inferred from the Home Minister's announcement about the implementation of new criminal laws. Introducing new laws often affects legal proceedings and the court system, aligning with the broader context of reducing the load on courts as mentioned in the National Litigation Policy. Hence, Option (II) is a correct conclusion.

III. Reducing the number of government-related cases will significantly lessen the overall load on the courts.

While this is a logical inference, the passage does not explicitly state that reducing government-related cases will significantly lessen the overall load on the courts. The policy aims to achieve this, but the conclusion assumes a guaranteed outcome, which is not supported by the passage. Hence, Option (III) is not the correct answer.

IV. The National Litigation Policy focuses solely on reducing legal costs for the government. The policy aims to reduce legal costs, but it also seeks to decrease the number of government-related cases and lessen the load on the courts. Therefore, the policy's focus is not solely on legal costs, making this conclusion incorrect. Hence, Option (IV) is not the correct answer.

129. **Answer: A**

**Explanation:** a) The quality of healthcare in underprivileged areas will significantly improve, leading to better patient outcomes.

This option suggests that increased access to MRI diagnostics will enhance healthcare quality and patient outcomes in underprivileged areas. Given that MRIs help diagnose and treat various conditions, improved access is likely to result in earlier and more accurate diagnoses, thereby improving overall healthcare. Hence, Option (a) is the correct answer.

b) The disparity in access to advanced diagnostic tools between urban and rural areas will widen.

This option contradicts the passage's implication that affordable MRI scanners will improve accessibility in underprivileged areas, which are often rural. The introduction of lower-cost MRI machines is intended to reduce disparities, not widen them. Hence, Option (b) is not the correct answer.

c) The cost savings from using the new MRI scanners will be offset by increased maintenance and operational costs.

This option speculates on potential financial drawbacks that are not mentioned in the passage. While increased maintenance costs could be a concern, the passage emphasizes the affordability and accessibility of the new MRI scanners without suggesting such offsets. Hence, Option (c) is not the correct answer.

d) The new MRI technology will result in a decreased demand for other forms of diagnostic imaging.

This option assumes a substitution effect that is not supported by the passage. While the new MRI scanners are an important advancement, other forms of diagnostic imaging remain necessary and complementary for comprehensive healthcare. Hence, Option (d) is not the correct answer. healthcare system.

130. **Answer: D**

**Explanation:** a) Bioluminescent organisms are found in various deep-sea environments with differing ecological conditions.

This option highlights the diversity of environments where bioluminescent organisms are found but does not link bioluminescence to environmental pressures. It shows widespread occurrence rather than causation. Hence, Option (a) is not the correct answer.

b) Non-bioluminescent organisms in the deep sea exhibit other unique adaptations for survival. This option indicates that non-bioluminescent organisms have their own survival strategies but does not provide evidence for why bioluminescence evolved in bioluminescent organisms. It focuses on alternatives rather than supporting the argument about environmental pressures. Hence, Option (b) is not the correct answer.

c) The majority of bioluminescent organisms also possess other forms of camouflage or defense mechanisms.

This option suggests that bioluminescent organisms have multiple survival strategies but does not link bioluminescence to environmental pressures. It shows adaptation variety but not specific causation. Hence, Option (c) is not the correct answer.

d) Fossil records show a significant increase in bioluminescent organisms following major environmental changes.

This option ties the increase in bioluminescent organisms to significant environmental changes, suggesting that bioluminescence evolved as a response to these pressures. This historical correlation strengthens the argument about environmental influences on the evolution of bioluminescence. Hence, Option (d) is the correct answer.

131. **Answer: B**

**Explanation:** a) Surveys indicate that a significant portion of the population uses additional disposable income from tax cuts to pay off existing debts rather than on consumption.

This option suggests that the additional disposable income from tax cuts may not necessarily lead to increased consumption but rather debt repayment. If people use their extra income to pay off debts instead of spending it, the policy would fail to stimulate economic activities as intended. This undermines the policy's goal of boosting consumption. Hence, Option (a) is not the correct answer.

b) Evidence shows that reducing income taxes increases overall spending in the economy, particularly among low-income earners who have a higher marginal propensity to consume.

This option supports the argument by highlighting that tax cuts would likely lead to increased spending in the economy, particularly among low-income earners who are more likely to spend additional income. This aligns with the policymakers' goal of enhancing disposable income to boost consumption and stimulate economic activities. Hence, Option (b) is the correct answer.

c) Historical data suggests that previous tax cuts have led to increased savings rather than higher consumption among low-income earners.

This option undermines the argument by suggesting that previous tax cuts resulted in increased savings rather than higher consumption. If similar outcomes occur again, the policy would not effectively stimulate economic activities through increased consumption. Hence, Option (c) is not the correct answer.

d) Studies indicate that direct welfare spending has a more immediate and targeted impact on improving the living standards of the poorest sections of society compared to tax cuts.

This option weakens the argument by suggesting that direct welfare spending might be more effective in improving living standards compared to tax cuts. If welfare spending achieves better results, then the policymakers' preference for tax cuts as a more efficient measure is challenged. Hence, Option (d) is not the correct answer.

132. **Answer: C**

**Explanation:** a) Studies show that women who have access to flexible working hours and remote work options experience significantly less career stagnation.

This option suggests that career stagnation can be mitigated by structural changes in the workplace, such as flexible working hours and remote work options. This implies that factors other than caregiving responsibilities can influence career growth, thereby weakening the argument that caregiving is the primary cause. Hence, Option (a) is correct.

b) Research indicates that sectors dominated by women offer fewer opportunities for career advancement compared to male-dominated sectors.

This option introduces a different factor—sector-based opportunities—that could explain career stagnation. If sectors dominated by women inherently offer fewer career advancement opportunities, then caregiving responsibilities are not the primary cause. This weakens the argument by pointing to an alternative explanation. Hence, Option (b) is correct.

c) Both (a) and (b)

This option combines both (a) and (b), providing two distinct reasons why caregiving responsibilities may not be the primary factor in career stagnation. Both reasons suggest that structural workplace changes and sector-based opportunities significantly impact women's career growth. Hence, Option (c) is the correct answer.

d) Neither (a) nor (b)

This option implies that neither (a) nor (b) are valid, which would leave the original argument unchallenged, suggesting that caregiving responsibilities are indeed the primary cause of career stagnation. This is incorrect because both (a) and (b) provide valid alternative explanations. Hence, Option (d) is not the correct answer.

133. **Answer: B**

**Explanation:** a) Journalism's primary role is to provide entertainment rather than information.

This option suggests that the main role of journalism is entertainment, which is not supported by the author's statement. The author emphasizes the complexity and dual responsibility of journalism, highlighting the balance between reporting facts and interpreting events, not entertainment as a primary goal. Hence, Option (a) is not the correct answer.

b) The pressure to attract audiences can compromise journalistic integrity.

This option aligns with the author's argument that the need to attract readers and viewers can lead to sensationalism and compromise the integrity of journalism. This connects to the point that the public's trust in journalism can be undermined when the line between fact and opinion becomes blurred. Hence, Option (b) is the correct answer.

c) The increasing accessibility of information has simplified the role of journalists.

This option implies that easier access to information has simplified the journalist's role, contrary to the author's point about the increased complexity and the need for balance between facts and interpretation. The author argues that the role of journalism has become more complex, not simpler. Hence, Option (c) is not the correct answer.

d) Objective reporting is less important than providing subjective commentary.

This option incorrectly states that subjective commentary is more important than objective reporting, whereas the author highlights the need to balance both, indicating that neither should overshadow the other. The author emphasizes the importance of both objective reporting and informative interpretation. Hence, Option (d) is not the correct answer.

134. **Answer: A**

**Explanation:** a) The artifacts provide significant insight into the trade practices of the Ming dynasty in the South China Sea region.

This option is correct as it relates to the nature of the artifacts recovered, which are from merchant vessels. The mention of copper coins, pottery, and porcelain implies trade-related activities, making it logical to infer that these artifacts can provide valuable information about the trade practices during the Ming dynasty. Hence, Option (a) is the correct answer.

b) The discovery of the artifacts was a collaborative effort between multiple international archaeological teams.

This option is incorrect as the passage does not mention any international collaboration in the recovery of the artifacts. The recovery effort is attributed to Chinese archaeologists and the National Cultural Heritage Administration (NCHA), suggesting a national rather than international effort. Hence, Option (b) is not the correct answer.

c) The proximity of the two vessels suggests they were part of the same fleet that encountered a catastrophic event.

This option is misleading. While the vessels are indeed located 14 miles apart, the passage does not provide any evidence or suggestion that they were part of the same fleet or that they encountered a single catastrophic event. The inference requires additional context not provided in the passage. Hence, Option (c) is not the correct answer.

d) The primary value of the artifacts lies in their potential to enhance China's cultural heritage tourism.

This option is a misconception. Although the artifacts might enhance cultural heritage tourism, the passage does not discuss tourism or the artifacts' value in this context. The primary focus is on the recovery and the historical significance of the artifacts, not their potential impact on tourism. Hence, Option (d) is not the correct answer.

135. **Answer: C**

**Explanation: Reference Line:** "But, what are the factors that have contributed to the marginalisation of LGBTQ narratives in Indian theatre? And how can we pave the path forward for greater inclusivity and representation?"

Difficulty Level: Difficult

a) Implementing government policies that mandate a certain percentage of LGBTQ content in theatre productions.

This option suggests a mandatory approach by the government, which might face resistance from artists and theatre groups who prefer creative freedom. Additionally, mandating content can be seen as an overreach and may not be the most effective way to integrate LGBTQ narratives organically into mainstream theatre. Hence, Option (a) is not the correct answer.

b) Increasing funding and grants specifically for productions that focus on LGBTQ stories.

Increasing funding and grants specifically for LGBTQ stories is a beneficial step, but it does not address the integration into mainstream theatre. While funding can help produce more LGBTQ-centric plays, it does not guarantee these productions will gain mainstream acceptance and recognition. Hence, Option (b) is not the correct answer.

c) Encouraging collaborations between mainstream theatre groups and LGBTQ-focused theatre troupes.

This option is correct as it addresses the integration of LGBTQ narratives into mainstream theatre. Collaborations between mainstream and LGBTQ-focused theatre groups can lead to a better understanding, acceptance, and representation of LGBTQ stories in a more inclusive manner. Hence, Option (c) is the correct answer.

d) Establishing separate theatre festivals exclusively for LGBTQ narratives might reinforce segregation rather than promoting integration into mainstream theatre.

Establishing separate theatre festivals exclusively for LGBTQ narratives might reinforce segregation rather than promoting integration into mainstream theatre. While it can provide a platform for LGBTQ stories, it does not tackle the core issue of marginalization in the broader theatre community. Hence, Option (d) is not the correct answer.

136. **Answer: C**

**Explanation:** (a) Incorrect. The principle regarding compensation for breach of contract concerns personal inconvenience and the natural results of such breach, not solely financial impact. This scenario stresses personal distress due to changes in contracted details, making financial aspects less relevant to the claim of personal inconvenience.

(b) Incorrect. Even though Deluxe made efforts to find alternatives, the principle allows for compensation if the breach involved aspects of the contract known to be crucial to the parties at the time of the agreement. Their efforts do not negate the fact that the contract's critical aspects were altered.

(c) Correct. The contract specifically outlined the importance of the floral and culinary elements, and their alteration substantially affected the event's quality, leading to Ms. Lewis's personal inconvenience. These elements were clearly central to the contractual agreement, making the substitutions significant enough to merit compensation.

(d) Incorrect. While unforeseen circumstances are a consideration, they do not automatically negate liability for all contractual breaches, especially when the contract includes provisions for the quality and specifics of the service, which were known to be essential.

137. **Answer:** B

**Explanation:** (a) Incorrect. While the occupier owes a duty of care, this duty is mitigated if reasonable warnings about known hazards are provided. The mere occurrence of an injury does not automatically establish liability.

(b) Correct. The principle states the occupier owes a duty of care, but Mr. Douglas fulfilled his duty by clearly warning about the step, hence he is not liable since the warnings were adequate and visible.

(c) Incorrect. Simply occurring on the property does not automatically make the occupier liable if he has taken reasonable precautions.

(d) Incorrect. This option emphasizes the compliance with legal safety standards rather than the visitor's responsibility, which could imply liability mitigation but does not address whether Mr. Douglas fulfilled his specific duty of care to prevent the injury. It focuses on compliance rather than causation of the specific incident.

138. **Answer:** C

**Explanation:** (a) Incorrect. While negligence is a factor, the principle requires assessment of the foreseeability of the specific consequences.

(b) Incorrect. Although the specific sequence of events might seem extraordinary, the overall chain of events started with his initial act, making him responsible under the principle.

(c) Correct. The principle holds a person liable for all direct consequences of his acts that he could reasonably foresee. Mr. Johnson's act of driving into the stall, a crowded marketplace context, reasonably could lead to further accidents and injuries.

(d) Incorrect. Intent is not relevant under this principle, which focuses on the foreseeability and directness of the consequences of one's actions.

139. **Answer:** A

**Explanation:** (a) Correct. The principle of attempt requires that the accused must have done acts that form a series of acts towards committing the crime. Mr. Collins' actions, including gathering tools, planning, and approaching the bank, all indicate substantial steps towards committing the robbery, thus constituting an attempt.

(b) Incorrect. Simply possessing tools does not constitute an attempt; the critical element is engaging in a series of acts that move directly toward the commission of the crime. Possessing tools without actions towards the actual robbery is not sufficient for an attempt charge.

(c) Incorrect. The actual commission of the crime is not necessary for a charge of attempt; it is sufficient that substantial steps were taken with intent to commit the crime.

(d) Incorrect. Being arrested before actual entry does not negate the attempt; the law considers the preparatory actions and the proximity to the final act, which in this case were sufficiently fulfilled.

140. **Answer:** A

**Explanation:** (a) Correct. The principle clearly states that any law infringing fundamental rights is invalid. Mandatory pre-approval of social media posts infringes on freedom of expression, making the law unenforceable.

(b) Incorrect. Although the aim is to combat misinformation, the method infringes on a fundamental right, which cannot be overridden merely by the intention behind it.

(c) Incorrect. While maintaining public order is a legitimate government interest, it does not justify infringing fundamental rights without proving the restrictions are both necessary and proportionate.

(d) Incorrect. Public protest against a law does not in itself determine its constitutionality; the infringement of fundamental rights is the key issue.

141. **Answer:** A

**Explanation:** (a) Correct. While the right to choose a profession is fundamental, the principle allows for reasonable restrictions. Requiring certification for practices that affect public health, like homeopathy, is considered a reasonable and justifiable restriction.

(b) Incorrect. Not all restrictions on professional practice are unconstitutional; they are permissible if they are reasonable and serve a significant public interest.

(c) Incorrect. Although ensuring safety in medical practices is a legitimate concern, this option does not address the reasonableness of the restriction, which is crucial under the given principles.



(d) Incorrect. The contestation of a law by practitioners does not determine its enforceability; the key is whether the restriction is reasonable and necessary.

142. **Answer:** B

**Explanation:** (a) Incorrect. While reducing congestion might be a legitimate aim, the total ban on street vending is an excessive measure that nullifies the fundamental right to practice a trade.

(b) Correct. The principle stipulates that if a restriction totally removes a fundamental right, such as the right to earn a livelihood through one's chosen profession, it is deemed unreasonable. Here, the law completely prohibits street vending, thereby nullifying this right.

(c) Incorrect. Control over public spaces does not allow for restrictions that entirely eliminate fundamental rights without considering less restrictive alternatives.

(d) Incorrect. Protests by affected parties highlight dissatisfaction but do not solely determine the law's unreasonableness; the total removal of a fundamental right does.

143. **Answer:** D

**Explanation:** (a) Incorrect. Parental liability requires negligence in allowing the child the opportunity to commit a tort. Simply being the parents of a minor does not automatically impose liability unless negligence can be demonstrated.

(b) Incorrect. While it's true that the son acted independently, this option doesn't focus on the parents' efforts to prevent such incidents, which is crucial for determining liability under this principle.

(c) Incorrect. Ownership of the car alone does not establish liability without negligence. The principle requires a negligent act that allowed the child the opportunity to commit the tort.

(d) Correct. The parents are not liable as they had taken reasonable precautions (hiding the keys) to prevent such an incident, thus fulfilling their duty to prevent negligent opportunities for torts by their child.

144. **Answer:** A

**Explanation:** (a) Correct. The principle states that any act or abstinence at the promisor's desire forms consideration. Mr. Smith's decision to not sell his motorcycle at Ms. Johnson's request constitutes valid consideration because it was a deliberate abstention based on her desire.

(b) Incorrect. This statement is clearly incorrect because simply abstaining from selling property does not automatically create a binding contract unless it is explicitly agreed upon as consideration for a specific promise, which ties into the broader context of the agreement.

(c) Incorrect. This statement is misleading because consideration does not necessarily require a financial exchange or creation of an asset. It involves performing an action or abstaining from one at the promisor's request.

(d) Incorrect. In legal terms, consideration does indeed involve abstaining from an action if it is at the promisor's request and affects the promisee's legal position or decisions. This misunderstanding in option (d) illustrates a common misconception about what constitutes a legal detriment.

145. **Answer:** A

**Explanation:** (a) Correct. This option best captures the principle's essence, highlighting that her actions were not out of malice but a genuine misunderstanding, which she believed required legal intervention. The emphasis on lack of intent to deceive aligns closely with the principle that actions taken under a mistaken belief of fact, in good faith, are not offenses.

(b) Incorrect. Acting on a belief without verification does not necessarily negate good faith if the belief was reasonable under the circumstances. This option does not align with the principle of good faith mistake.

(c) Incorrect. The simple causation of detention does not establish liability if the act was done in good faith under a mistaken belief. The principle focuses on the intention and belief behind the action.

(d) Incorrect. While panic might explain her actions, it does not address the key legal principle of acting under a mistaken belief of fact in good faith. The focus should be on her genuine belief and lack of intent to deceive.

146. **Answer:** D

**Explanation:** (a) incorrect. The principle states that an easement can be established through long-term use. Samuel's twenty years of using the path cannot constitute an easement as principle 3 indicates otherwise.

(b) Incorrect. Formal granting is not always necessary for an easement; long-term, consistent use can establish one.

(c) Incorrect. An easement is not established by just any use of another's property; it must be long-term and consistent, and meet other legal criteria for easements.

(d) Correct. The impact on Samuel's property is irrelevant to the establishment of an easement; the focus is on the long-term, consistent use of Rachel's property for a specific purpose.

147. **Answer:** B

**Explanation:** a) Correct. The passage notes that Scholars hold positions of authority and influence public policy due to the high value placed on formal education.

b) Incorrect. The passage explicitly states that Craftsmen face societal biases that limit their representation, contrasting with the greater influence of Scholars.

c) Correct. It's stated that societal biases limit Craftsmen's representation in decision-making, impacting their influence on economic policies.

d) Correct. The passage describes how Craftsmen have organized into unions to protect their interests and advocate for greater recognition.

148. **Answer:** D

**Explanation:** a) Correct. The passage indicates that policies disproportionately favor Scholars, particularly in technology and professional sectors.

b) Correct. The narrative states that there is less emphasis on vocational training and infrastructure, which would benefit Craftsmen.

c) Correct. It's mentioned that the disconnect between theory and practice, due to Scholars' control over policy, results in inefficiencies.

d) Incorrect. The passage outlines that the policies lead to benefits that are skewed towards Scholars, not equally benefiting both groups.

149. **Answer:** C

**Explanation:** a) Correct. The passage suggests that elevating vocational training would empower Craftsmen, potentially increasing their influence.

b) Correct. Acknowledging vocational skills would likely diminish the biases that limit Craftsmen's representation.

c) Incorrect. Given the context of the passage, reforms in vocational training are implied to potentially improve Craftsmen's representation and influence.

d) Correct. The passage advocates for educational reforms that recognize all knowledge forms, suggesting such recognition would foster balanced development.

150. **Answer:** D

**Explanation:** a) Correct. Increased representation through successful union advocacy is a direct outcome described in the passage.

b) Correct. While the passage does not explicitly state the degree of reduction in Scholars' influence, it suggests that changes could affect their dominance.

c) Correct. Advocacy by Craftsmen's unions aimed at reducing biases is likely to decrease societal biases as described.

d) Incorrect. The passage implies that successful union advocacy would lead to significant changes in policies, altering the status quo that currently favours Scholars.