

MOCK AILET 10047

ANSWER & EXPLANATIONS

Section - A: English

1. **Answer: C**

Reference Lines: "The finance bill is the immediate trigger... it contained several proposals for the taxation of everyday goods, including bread, sanitary towels and more. Kenyans were already struggling with the effects of a collapsing currency and the aftermath of the Covid-19 crisis."

Explanation:

(a) the inefficiency of the previous government.

While the inefficiency of the previous government could be considered a contributing factor to the current political crisis, it is not the primary reason. The inefficiency is more of a historical backdrop that set the stage for the crisis rather than the immediate trigger. The passage points out issues like the mismanagement of infrastructure projects and the borrowing spree, but these are underlying issues rather than the direct cause of the crisis. Hence, Option (a) is not the correct answer.

(b) the mismanagement of the country's infrastructure projects.

Mismanagement of infrastructure projects by the previous administration is indeed a significant problem that contributed to the current economic strain. However, it is not the primary reason for the current political crisis. The passage highlights the mismanagement as part of a broader context, but it is the new taxation policies in the finance bill that directly sparked the protests and revealed the crisis. Hence, Option (b) is not the correct answer.

(c) the economic strain caused by new taxation policies.

This is the primary reason for the current political crisis in Kenya. The passage clearly states that the finance bill, which included new taxes on essential goods, was the immediate trigger for the protests. Kenyans were already struggling economically, and the new taxes added further strain, leading to widespread dissatisfaction and a crisis of legitimacy within the government. Hence, Option (c) is the correct answer.

(d) the influence of external political narratives.

The passage does not mention the influence of external political narratives as a factor in the current political crisis. The crisis is framed within the context of internal economic and political issues, particularly the new taxation policies and the government's financial strategy. Therefore, suggesting external political narratives as a cause would be unfounded based on the information provided. Hence, Option (d) is not the correct answer.

2. **Answer: C**

Reference Lines: "And while the protesters have been very clear about their demands – reject the finance bill..."

Explanation:

(a) a desire to replace the current government.

While there may be general discontent with the current government, the passage does not indicate that the protesters' main demand is to replace the government. The focus of the protests is more specific and immediate, concerning the new finance bill rather than a complete overhaul of the political leadership. Hence, Option (a) is not the correct answer.

(b) dissatisfaction with foreign investments.

The passage does not mention foreign investments as a point of contention for the protesters. The dissatisfaction is directed towards internal economic policies, specifically the finance bill and the new taxes it proposes. Hence, Option (b) is not the correct answer.

(c) opposition to the recently proposed finance bill.

This is the main demand of the protesters as outlined in the passage. The protests began in response to the rushed-through finance bill that included new taxes on essential goods. The protesters have clearly demanded the rejection of this bill, making it the central issue of their demonstrations. Hence, Option (c) is the correct answer.

(d) calls for constitutional reforms.

The passage does not suggest that the protesters are calling for constitutional reforms. Their demands are focused on the immediate economic issues brought about by the finance bill. While constitutional reforms might be a broader issue of interest in different contexts, it is not presented as the main demand in this specific situation. Hence, Option (d) is not the correct answer.

3. **Answer: B**

Reference Lines: "The challenge facing Kenya's treasury is that the previous administration... went on a decade-long borrowing and spending spree, incurring massive debts for ill-advised infrastructure projects that were over budget, poorly executed and behind schedule."

Explanation:

(a) Neutral

The writer is not neutral about the impact of previous government decisions. The tone and content of the passage suggest a critical stance towards the previous administration's borrowing and spending practices, which are seen as contributing to the current economic woes. Hence, Option (a) is not the correct answer.

(b) Critical

The writer's view is clearly critical of the previous government's decisions. The passage highlights the negative consequences of the previous administration's decade-long borrowing and spending spree, which resulted in massive debts for poorly executed infrastructure projects. This critical perspective underscores the adverse impact these decisions have had on the current economic situation. Hence, Option (b) is the correct answer.

(c) Supportive

There is no evidence in the passage to suggest that the writer is supportive of the previous government's actions. On the contrary, the writer emphasizes the negative outcomes of the previous administration's policies, particularly the financial mismanagement and the resulting economic strain. Hence, Option (c) is not the correct answer.

(d) Indifferent

The writer is not indifferent to the previous government's actions. The passage contains a clear critique of the previous administration's financial decisions and their detrimental effects on the current economic climate. This critique indicates an engaged and critical perspective rather than indifference. Hence, Option (d) is not the correct answer.

4. **Answer: D**

Reference Lines: "The challenge facing Kenya's treasury is that the previous administration... went on a decade-long borrowing and spending spree, incurring massive debts for ill-advised infrastructure projects..."

"But this year it attracted an unprecedented level of attention because it contained several proposals for the taxation of everyday goods, including bread, sanitary towels and more."

"Kenyans were already struggling with the effects of a collapsing currency and the aftermath of the Covid-19 crisis."

Explanation:

(a) The previous administration incurred massive debts for infrastructure projects.

This statement is correct according to the passage. The previous administration is described as having gone on a decade-long borrowing and spending spree, incurring significant debts for infrastructure projects that were poorly executed and over budget. Hence, Option (a) is not the correct answer.

(b) The finance bill included proposals to tax essential everyday goods.

This statement is also correct. The passage explicitly mentions that the finance bill contained several proposals for the taxation of everyday goods, such as bread and sanitary towels. Hence, Option (b) is not the correct answer.

(c) The protests against the finance bill were primarily driven by economic hardships.

This statement is correct. The passage indicates that the protests were a response to the economic strain caused by the new taxation policies in the finance bill, compounded by existing

economic hardships like a collapsing currency and the aftermath of the Covid-19 crisis. Hence, Option (c) is not the correct answer.

(d) The new taxes were introduced to fund new infrastructure projects.

This statement is incorrect. The passage does not suggest that the new taxes were introduced to fund new infrastructure projects. Instead, the new taxes were part of the government's strategy to meet financial obligations and increase year-on-year spending. The focus was on managing the existing economic situation rather than funding new infrastructure. Hence, Option (d) is the correct answer.

5. **Answer: A**

Reference Lines: "What began as protests against a rushed-through finance bill has revealed a crisis of legitimacy within the executive, the legislature and the police that were sent to do the government's bidding."

"But this year it attracted an unprecedented level of attention because it contained several proposals for the taxation of everyday goods, including bread, sanitary towels and more."

Explanation:

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

The passage indicates that the protests began as a response to the rushed-through finance bill, which included new taxation policies causing economic strain. This dissatisfaction and the resulting protests exposed a deeper crisis of legitimacy within the executive, legislature, and police, as these institutions were seen as doing the government's bidding rather than addressing the people's concerns. Hence, Option (a) is the correct answer.

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

This option is incorrect because statement 2 directly explains statement 1. The economic burdens imposed by the finance bill led to widespread dissatisfaction, which in turn revealed the crisis of legitimacy within the government institutions. Hence, Option (b) is not the correct answer.

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

This option is incorrect because both statements are true. The passage clearly states that the protests were triggered by the finance bill, which imposed economic burdens, and these protests revealed a crisis of legitimacy. Hence, Option (c) is not the correct answer.

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

This option is incorrect because statement 1 is true. The protests did reveal a crisis of legitimacy within the executive, legislature, and police, as indicated in the passage. Hence, Option (d) is not the correct answer.

6. **Answer: A**

Reference Line: "Campaigners say the ban, while welcome, will make little immediate impact as a series of loopholes will allow the vast majority of ships to use the fuel until 2029."

Explanation:

(a): inconsequential

This is the correct answer. The effectiveness of the ban is considered inconsequential in the immediate term due to numerous loopholes allowing most ships to continue using heavy fuel oil until 2029. The ban, though a step forward, is not expected to make a significant impact shortly, reflecting the limited immediate effect of this policy. Hence, Option (a) is the correct answer.

(b): overwhelming

This is incorrect as the ban's immediate impact is not overwhelming; instead, it is minimal due to the presence of several exceptions. The text explicitly states that the effect is diminished by these loopholes, indicating that the immediate outcomes are far from overwhelming. Hence, Option (b) is not the correct answer.

(c): temporary

This answer is incorrect. While the ban's full effectiveness might be seen as delayed or postponed, describing it as temporary is misleading because the ban itself is intended to be a long-term measure, not a short-lived one. Hence, Option (c) is not the correct answer.

(d): unpredictable

This option is also incorrect. The impact is somewhat predictable; campaigners clearly foresee a minimal immediate effect due to the regulatory loopholes, indicating that the outcomes can be anticipated based on the current structure of the ban. Hence, Option (d) is not the correct answer.

7. **Answer: D**

Reference Line: "Campaigners say the ban, while welcome, will make little immediate impact as a series of loopholes will allow the vast majority of ships to use the fuel until 2029."

Explanation:

(a): they were forced to accept a compromise

This option, though somewhat plausible, is not the correct answer. The text does not detail whether campaigners were compelled to accept the regulations as they stand, though it can be inferred that some level of compromise was involved. However, this is not specifically highlighted as a primary issue. Hence, Option (a) is not the correct answer.

(b): it caused confusion about compliance

This is incorrect because there is no mention or implication in the text that confusion over compliance was a significant issue. The main concern was the effectiveness of the ban, not confusion regarding how to comply with it. Hence, Option (b) is not the correct answer.

(c): it delayed the enforcement of stricter controls

Also incorrect, this choice misrepresents the primary issue. While the loopholes might affect the stringency and timing of enforcement, the text specifically points out that the impact of these regulations is what's at stake, not necessarily a delay in enforcement. Hence, Option (c) is not the correct answer.

(d): they felt the ban would lose its significance

This is the correct answer. The presence of loopholes likely diminishes the ban's effectiveness, leading campaigners to feel that the ban could lose its intended significance in protecting the Arctic environment from the impacts of heavy fuel oil. Hence, Option (d) is the correct answer.

8. **Answer: A**

Reference Line: "The restriction now comes into force in Arctic waters – and while campaigners agree this is progress, they believe there are far too many loopholes that will limit the impact. According to the regulations, ships that have a "protected fuel tank" will be exempt from the ban. Countries that border the Arctic will also be able to exempt their own ships from the ban in their own territorial waters."

Explanation:

(a): (4), (2), (3), (1)

This is the correct sequence. First, the HFO ban was established (4). Then, countries enacted the ban with exemptions (2), followed by an exemption for ships with protected fuel tanks (3), and finally, campaigners highlighted the delay in impact (1). This sequence aligns with the development of the regulation and the eventual realization of its limitations. Hence, Option (a) is the correct answer.

(b): (2), (3), (4), (1)

This sequence is incorrect as it suggests that the ban was enacted after the exemptions were defined, which is not logical nor supported by the text. Hence, Option (b) is not the correct answer.

(c): (4), (1), (2), (3)

Incorrect, as this sequence misplaces the campaigners' realization of the impact delay before the exemptions were defined, which doesn't logically fit the progression of events as described. Hence, Option (c) is not the correct answer.

(d): (3), (2), (4), (1)

Also incorrect, this sequence starts with exemptions, an unlikely initial step before the ban itself is established, making it an implausible order of events. Hence, Option (d) is not the correct answer.

9. **Answer: C**

Reference Line: "The black carbon it emits when burned speeds up the melting of snow and ice... the black carbon is creating the sort of double whammy impact in the Arctic. It's attracting heat while it's in the atmosphere, and then it settles onto the snow and ice and is speeding up the melting as well."

Explanation:

(a): anything that can go wrong will go wrong.

This is incorrect as this definition is actually a description of "Murphy's Law," not the ripple effect. The ripple effect refers to a different concept related to the spreading impact of an initial event, not a pessimistic view of outcomes. Hence, Option (a) is not the correct answer.

(b): the cumulative effect produced when one event sets off a chain of similar or other events.

While this definition is close and captures the essence of a chain reaction, it is not the most precise definition for the ripple effect as it pertains to the ongoing and spreading nature of the impact. Therefore, Option (b) is not the correct answer.

(c): the continuing and spreading results of an event or action.

This is the correct answer. The ripple effect specifically refers to the continuing and expanding impact that follows an initial event or action, much like ripples expanding across the water when a stone is thrown into it. This definition accurately reflects the influence of black carbon in the Arctic, as described in the text. Hence, Option (c) is the correct answer.

(d): moving in a circular path towards the centre of the circle.

This is incorrect as it describes a physical motion rather than an effect of an event spreading outward. This definition does not fit the context of an environmental or causal impact. Hence, Option (d) is not the correct answer.

10. **Answer: B**

Reference Line: "The black carbon is creating the sort of double whammy impact in the Arctic. It's attracting heat while it's in the atmosphere, and then it settles onto the snow and ice and is speeding up the melting as well."

Explanation:

(a): A scenario where the atmospheric temperature is regulated naturally and consistently.

This option is incorrect as it contradicts the actual impact of black carbon, which disrupts natural temperature regulation by increasing heat absorption and accelerating ice melt. Hence, Option (a) is not the correct answer.

(b): A situation where black carbon causes heat absorption and speeds up ice melting simultaneously. This is the correct answer. The term "double whammy" implies a two-fold detrimental effect, which in this context refers to black carbon absorbing heat (thus warming the atmosphere) and accelerating the melting of snow and ice when it settles. This description aligns perfectly with the impact described in the passage. Hence, Option (b) is the correct answer.

(c): A condition where marine life benefits from the temperature changes induced by black carbon. This option is incorrect as there is no evidence or suggestion in the text that marine life benefits from the effects of black carbon; rather, the implications are negative due to environmental degradation. Hence, Option (c) is not the correct answer.

(d): An event where black carbon reduces the melting rate of ice and lowers sea levels. This is also incorrect. Black carbon contributes to faster ice melting, not a reduction in melting rates or lowering sea levels. This option completely misrepresents the described impacts. Hence, Option (d) is not the correct answer.

11. Answer: C

Reference Line: "Produced from the waste left over in oil refining, HFO poses a huge threat to the oceans in general but to the Arctic in particular."

Explanation:

(a): The fuel is relatively expensive and increases shipping costs. This option is incorrect. The text does not mention economic concerns as a driving factor for the restrictions; the focus is entirely on environmental impacts. Hence, Option (a) is not the correct answer.

(b): The Arctic region is less vulnerable to spills than other regions. This is incorrect and contrary to the concerns expressed by environmentalists. The Arctic is actually more vulnerable due to its fragile ecosystem and the difficulty of managing oil spills in its harsh conditions. Hence, Option (b) is not the correct answer.

(c): HFO poses a significant threat to the fragile Arctic ecosystem and contributes to climate change. This is the correct answer. The text explicitly states that HFO is particularly threatening to the Arctic ecosystem and its climatic conditions. This aligns with the motivations of environmentalists seeking to extend these restrictions. Hence, Option (c) is the correct answer.

(d): Northern countries have no other sources of fuel for their ships. This option is incorrect and not supported by the text. It falsely implies a lack of alternatives, which is not a stated concern related to the push for extending HFO restrictions. Hence, Option (d) is not the correct answer.

12. Answer: B

Reference Line: "According to the regulations, ships that have a 'protected fuel tank' will be exempt from the ban."

Explanation:

(a): An immediate and complete transition to environmentally friendly fuel alternatives.

This option suggests that the exemption would lead to a swift and comprehensive shift to greener fuel sources. However, the exemption primarily allows certain vessels to continue using HFO, not replacing it with more sustainable alternatives. The focus on "protected fuel tanks" merely addresses spill prevention, not the emissions problem. Therefore, this option is incorrect because it inaccurately implies that the exemption encourages the adoption of environmentally friendly fuels. Hence, Option (a) is not the correct answer.

(b): A regulatory gap that allows many ships to continue using harmful fuels in the Arctic.

This option correctly identifies a loophole within the regulations. Ships with "protected fuel tanks" are allowed to continue using HFO despite its severe environmental impacts, particularly in vulnerable Arctic ecosystems. This exemption undermines the overall effectiveness of the ban by permitting continued use of a highly damaging fuel under specific conditions, thus representing a significant regulatory gap. Hence, Option (b) is the correct answer.

(c): A reduction in shipping activity in Arctic waters due to stricter environmental controls. This option posits that environmental regulations, like the HFO ban, would lead to decreased shipping activities in the Arctic. However, the presence of exemptions suggests that not all vessels are compelled to cease HFO usage or transition to cleaner alternatives, thus not necessarily reducing shipping activity. The option does not accurately reflect the implications of the exemption for shipping volume. Hence, Option (c) is not the correct answer.

(d): An increase in international shipping costs due to the need for cleaner fuels.

While it's logical to assume that transitioning to cleaner fuels could increase operational costs, this option is misleading in the context of the exemption. The exemption allows continued use of HFO under certain conditions, which does not directly lead to an increase in costs related to cleaner fuel adoption. The focus of this option diverts from the actual regulatory gap presented by the exemption. Hence, Option (d) is not the correct answer.

13. Answer: D

Reference Lines: The passage describes a significant national project with potential impacts on agriculture, hydroelectric power, and regional climate changes, suggesting coverage by a major news outlet.

Explanation:

a) A scholarly journal on environmental science would typically focus more on detailed scientific analyses, research findings, and technical discussions related to environmental impacts, rather than a broad overview of a national infrastructure project. This option does not align with the content's generalist and informative approach intended for a wider audience. Hence, Option (a) is not the correct answer.

b) Promotional material for a construction company would likely emphasize the benefits, the role of the company in the project, and the technical expertise involved, aiming to attract investors or partners. The passage, however, presents a balanced view that includes potential challenges and societal impacts, which are not typical focuses for promotional content. Therefore, Option (b) is not the correct answer.

c) A policy briefing for governmental agencies would be more focused on providing detailed analyses, recommendations, and strategic insights specifically for policy-making purposes. The passage does discuss implications that are important for policy, but it does so in a way that is meant to inform a general audience about the scale and scope of the project, rather than advising on policy actions. Consequently, Option (c) is not the correct answer.

d) A national news outlet would cover a wide range of topics including significant national projects like the one described. The content is written to inform a broad audience about the project's goals, challenges, and potential impacts, which aligns well with the objective reporting style of a major news platform. This makes Option (d) the correct answer, as it best fits the comprehensive and informative nature of the passage.

14. **Answer: B**

Reference Lines: Mentions of the project's scope, intended benefits such as irrigation and power generation, and its grandiosity suggest an intent to inform about the project's scale and benefits.

Explanation:

a) While the passage does mention potential environmental impacts, the primary focus is not solely on raising awareness or sounding an alarm about these impacts. Instead, it gives a more general overview of the project, including its benefits. Therefore, emphasizing only the environmental aspects would misrepresent the passage's broader scope. Hence, Option (a) is not the correct answer.

b) The passage provides an overview of the National River Linking Project by discussing both its potential benefits, such as irrigation and hydroelectric power generation, and its grand scale. This option captures the essence of the passage, which aims to inform readers about the project in a balanced and comprehensive manner, making Option (b) the correct answer.

c) Questioning the financial viability is part of the passage, but it is not the central theme. The passage does not focus predominantly on the economics but rather presents it as one of many aspects of the project. Therefore, focusing solely on financial viability would narrow the broader intent of the passage, which is to give an overview. Thus, Option (c) is not the correct answer.

d) While investment in hydroelectric power is mentioned as a benefit of the project, the passage does not aim to persuade or promote specific investments. It rather describes the project's scope and potential benefits more neutrally and informatively. This makes Option (d) an inaccurate representation of the primary purpose, so it is not the correct answer.

15. **Answer: A**

Reference Lines: Reference to the vast amount of water highlights the grand scale and ambitious nature of the project.

Explanation:

a) Emphasizing the immense scale of the river-linking initiative directly correlates with the mentioned volume of water, which underscores the project's grandiosity and engineering challenge. This directly supports the primary intent of the mention in the passage, making Option (a) the correct answer.

b) The mention of "7 trillion cubic feet of water" primarily serves to highlight the massive scale and ambitious nature of the project, not specifically to emphasize logistical challenges. While

such challenges are implicit in managing such a large volume, the focus on scale is more direct in the context. Hence, Option (b) is not the correct answer.

c) Although managing such a large volume of water could inherently involve risks of mismanagement, the passage does not explicitly focus on this aspect. The potential risk is more of an underlying concern rather than the primary emphasis of mentioning the water volume. Thus, Option (c) is not the correct answer.

d) Environmental concerns are indeed a part of the project's broader narrative, but the specific mention of water volume aims more at conveying the scale rather than detailing the environmental impacts. Therefore, Option (d) focuses on a consequence that, while relevant, is not the primary focus of that particular detail in the passage. Hence, Option (d) is not the correct answer.

16. **Answer: B**

Reference Lines: The sentence uses "Fully realized" as a past participial phrase modifying the main clause about the project's execution.

Explanation:

a) The phrase "India is about to launch a massive engineering project" is a straightforward statement of intent and does not contain any past participial phrases. It serves to introduce the project but lacks any modifying or descriptive phrases that provide additional context or action. Hence, Option (a) is not the correct answer.

b) The phrase "Fully realized, the National River Linking Project will see India's National Water Development Agency dig 30 links" contains the past participial phrase "Fully realized," which sets the stage for describing the project's implementation once completed. This phrase modifies the main clause by providing a condition under which the described actions will take place, thus making Option (b) the correct answer.

c) "The goal is to help irrigate tens of millions of hectares of farmland" is a simple statement of purpose without any participial phrases. It directly states one of the project's objectives, lacking the complex grammatical structure that includes a participial phrase. Therefore, Option (c) is not the correct answer.

d) "With an estimated price tag of \$168 billion, the project is unique in its unrivalled grandiosity" includes a prepositional phrase, not a participial one. This phrase sets up a contextual framework regarding the project's cost but does not provide action or description in the participial form. Thus, Option (d) is not the correct answer.

17. **Answer: B**

Reference Lines: The passage specifically mentions new research suggesting that the project threatens to affect India's monsoon season, highlighting it as a significant unintended consequence.

Explanation:

a) Although the disruption of local ecosystems is a legitimate concern for large-scale projects like this, the passage specifically highlights the potential for altering monsoon patterns as a significant unintended consequence, rather than focusing on ecosystems per se. Thus, emphasizing ecosystem disruption misses the primary concern raised in the passage. Hence, Option (a) is not the correct answer.

b) The passage explicitly mentions new research suggesting that the river-linking project may alter India's monsoon patterns, presenting it as a significant unintended consequence. This focus aligns directly with concerns about large-scale environmental changes that could affect the entire region's climate system, making Option (b) the correct answer.

c) Displacement of communities is indeed mentioned as a negative impact of the project, but it is not singled out as the primary unintended consequence in the passage. The emphasis is more on broader environmental impacts rather than on social displacement, which, while important, is not the focus in this context. Therefore, Option (c) is not the correct answer.

d) Financial estimates are discussed, but the primary unintended consequence mentioned relates to environmental and climatic changes rather than financial misestimations. Therefore,

focusing on the financial aspect does not directly address the main concern as highlighted by the passage. Thus, Option (d) is not the correct answer.

18. **Answer:** C

Reference Lines: The passage details both the potential benefits (irrigation, power generation) and challenges (displacement, environmental impact), aiming to provide a comprehensive perspective.

Explanation:

a) Advocating for rapid implementation despite potential risks is not the tone or intent expressed in the passage. The passage presents a balanced view of both the potential benefits and the challenges, without a clear advocacy for hurried action, making Option (a) incorrect.

b) There is no indication that the passage seeks to discourage criticism of governmental policies. It openly discusses both benefits and challenges, suggesting an openness to scrutiny and discussion. This balanced approach contradicts the idea of discouraging criticism, so Option (b) is not the correct answer.

c) The passage provides details on both the benefits and the challenges of the National River Linking Project, suggesting an intent to present a comprehensive and balanced view. This includes potential advantages like irrigation and power generation as well as challenges like displacement and environmental impacts, making Option (c) the correct answer.

d) There is no promotion of alternative methods of water management within the passage. The focus remains firmly on the river-linking project itself, without comparison to or advocacy for other methods, making Option (d) incorrect.

19. **Answer:** A

Reference Lines: The passage uses "unique in its unrivalled grandiosity" to describe the project's massive scale and ambitious nature.

Explanation:

a) The term "grandiosity" captures the ambitious nature of the project, highlighting its extensive scope and the significant efforts involved. The word "ambitious" could seamlessly replace "grandiosity" without altering the underlying meaning of the passage, which seeks to emphasize the project's vast scale and significant implications. Thus, Option (a) is the correct answer.

b) "Estimated" relates to the projected costs or figures and carries a sense of approximation, which does not equate to the ambition or scale implied by "grandiosity." Therefore, replacing "estimated" with "ambitious" would misalign the context, making Option (b) incorrect.

c) "Transfer" denotes the movement or reallocation of resources (in this case, water), and while integral to the project, it does not inherently convey ambition or scale on its own. Hence, substituting "transfer" with "ambitious" would not preserve the original meaning, making Option (c) incorrect.

d) "Irrigate" specifically refers to the application of water to land to support agriculture. This term is technical and functional, lacking the connotative weight of "grandiosity" or "ambitious," which implies a broader, more impactful endeavour. Therefore, replacing "irrigate" with "ambitious" would distort the intended emphasis, making Option (d) incorrect.

20. **Answer:** A

Reference Lines: The use of "estimated" suggests that the figure provided is an approximation of the total cost, not a final or exact number.

Explanation:

a) The phrase "an estimated price tag of \$168 billion" indicates a speculative cost calculation for the project. The use of "estimated" suggests that while the figure is the best current guess based on available data, it is subject to change as more precise or updated information becomes available. This aligns well with the concept of a "speculated cost," which inherently carries uncertainty and variability. As such, this description underscores the financial magnitude of the project while acknowledging potential variability in final costs, making Option (a) the correct answer.

b) A "fixed budget" implies a set amount of money that has been allocated and cannot be exceeded, which is quite distinct from an estimate that can adjust as project details evolve. The passage does not suggest that the budget for the river-linking project is rigid or unchangeable; rather, it indicates an openness to future adjustments based on evolving project needs and realities. Therefore, replacing "estimated" with "fixed budget" would misrepresent the financial flexibility implied by the original text, making Option (b) incorrect.

c) Describing the \$168 billion as a "minimal expense" would grossly understate the significant financial commitment involved in the project. The passage presents this figure to emphasize the project's large financial scale, not to minimize it. Thus, using "minimal expense" would contradict the passage's intent to highlight the substantial investment required, making Option (c) incorrect.

d) "Precise calculation" suggests a level of exactness and finality that is not present in an estimate. Estimates by nature are approximations that provide a preliminary figure based on current understanding, which may be refined as more information becomes available or as project parameters change. Therefore, using "precise calculation" would inaccurately convey a certainty that the passage does not imply, making Option (d) incorrect.

21. **Answer: C**

Reference Lines: The passage suggests the project aims to irrigate extensive farmland, implying a major boost to agriculture.

Explanation:

a) Recent studies confirming the positive impact of similar projects in other countries would actually strengthen the assertion that the National River Linking Project could boost India's agricultural output. This evidence would suggest that similar initiatives have been effective elsewhere, thereby supporting the potential success of this project in enhancing agricultural productivity in India. Therefore, this option does not weaken the assertion but rather supports it, making Option (a) incorrect.

b) The fact that the project will irrigate tens of millions of hectares of farmland is a direct support for the assertion that it will significantly boost India's agricultural output. This option provides a concrete measure of the project's scope in terms of its direct impact on farmland, which would logically lead to increased agricultural production. Thus, this option also supports the assertion rather than weakening it, making Option (b) incorrect.

c) The availability of efficient alternative irrigation technologies could potentially weaken the assertion that the river-linking project is necessary to boost agricultural output significantly. If there are other, perhaps more cost-effective or less disruptive, technologies available that could achieve similar improvements in agricultural productivity, the necessity and unique value of the river-linking project could be called into question. This makes Option (c) the correct answer, as it introduces a viable alternative that could diminish the perceived impact or importance of the river-linking project.

d) While the displacement of communities could have various social and economic impacts, it does not directly address the project's ability to enhance agricultural output through irrigation. The displacement might affect the agricultural workforce, but this is more of a secondary effect and does not directly undermine the project's potential to increase agricultural productivity through its primary mechanism of expanded irrigation. Therefore, this option does not directly weaken the assertion about the project's impact on agricultural output, making Option (d) incorrect.

22. **Answer: D**

Reference Lines: Mention of new research suggesting impacts on India's monsoon season indicates that concerns are based on emerging scientific findings.

Explanation:

a) The passage does not suggest that concerns about altering monsoon patterns are based on unfounded fears. Instead, it acknowledges new research that indicates potential significant

climatic impacts due to the project. Dismissing these concerns as unfounded would contradict the evidence presented in the passage, making Option (a) incorrect.

b) There is no indication in the passage that these concerns have been officially dismissed by the government. The passage mentions that new research supports these concerns, implying that they are taken seriously and considered relevant in discussions about the project's environmental impact. Therefore, claiming that they have been dismissed is inconsistent with the information provided, making Option (b) incorrect.

c) The concerns about altering monsoon patterns are directly relevant to the project's goals since they relate to the broader environmental and climatic impacts of altering natural water flows on a large scale. These concerns are integral to assessing the project's overall viability and sustainability. Suggesting that they are irrelevant would overlook the significant implications of such environmental changes, making Option (c) incorrect.

d) The passage explicitly states that new research suggests the project could affect India's monsoon patterns, supporting these concerns with scientific evidence. This acknowledgment indicates that the concerns are well-founded and based on recent studies, aligning with the idea that they are supported by new research. This makes Option (d) the correct answer, as it accurately reflects the passage's emphasis on the legitimacy and importance of these environmental concerns.

23. **Answer:** C

Reference Lines: "The entire criminal justice system stands on the precipice of failure," warned the Prison Governors' Association.

Explanation:

a) Advocatory – Incorrect. The tone is not one of supporting a cause or advocating for an issue. It communicates a sense of urgency and impending crisis, not advocacy. Hence, Option (a) is not the correct answer.

b) Dismissive – Incorrect. The tone of the passage is concerned and urgent, not dismissive. It addresses the seriousness of the situation rather than diminishing its importance. Hence, Option (b) is not the correct answer.

c) Alarmed – Correct. The tone is one of alarm, highlighting the precarious state of the criminal justice system and the severe implications of its potential collapse. The use of the word "warning" by the PGA emphasizes the urgency and seriousness of the situation. Hence, Option (c) is the correct answer.

d) Satirical – Incorrect. The tone lacks any elements of satire or irony; it is straightforward and serious, addressing the grim realities faced by the criminal justice system. Hence, Option (d) is not the correct answer.

24. **Answer:** A

Reference Lines: "Crippling delays in the court system are then exacerbated because there is nowhere to send people who are convicted."

Explanation:

a) Cause: Overcrowding of prisons, Effect: Delays in the court system – Correct. The passage explicitly connects the full capacity of prisons to the subsequent delays in the court system, demonstrating how one directly influences the other by leaving no space to house convicted individuals, which is a direct bottleneck for the judiciary process. Hence, Option (a) is the correct answer.

b) Cause: Government funding, Effect: Improved prison conditions – Incorrect. While funding might influence prison conditions, the passage does not specifically link these two elements as a cause-and-effect scenario. Hence, Option (b) is not the correct answer.

c) Cause: Legal aid cuts, Effect: Increased number of prisoners on remand – Incorrect. The passage mentions cuts in legal aid and issues with remand, but it does not establish a direct cause-and-effect relationship between these particular elements. Hence, Option (c) is not the correct answer.

d) Cause: Reduction in sentence times, Effect: Decrease in prison population – Incorrect. The passage does not discuss this specific relationship, so it is not presented as a cause and effect within the text. Hence, Option (d) is not the correct answer.

25. **Answer: B**

Reference Lines: "Crippling delays in the court system are then exacerbated..."

Explanation:

a) To indicate a minor inconvenience – Incorrect. The use of "crippling" suggests a profound and severe impact, far beyond a minor inconvenience, indicating a state that severely hampers the functionality of the court system. Hence, Option (a) is not the correct answer.

b) To emphasize the severe impact on the court system – Correct. The word "crippling" is chosen to highlight the significant and detrimental effects on the court system, suggesting it is severely weakened or damaged by the existing conditions. Hence, Option (b) is the correct answer.

c) To suggest improvements in the justice system – Incorrect. The term "crippling" is used to describe negative impacts, not to suggest or hint at potential improvements. Hence, Option (c) is not the correct answer.

d) To reflect a physical condition – Incorrect. In this context, "crippling" is metaphorical, relating to the operational capabilities of the court system, not a literal physical condition. Hence, Option (d) is not the correct answer.

26. **Answer: C**

Reference Lines: "...with administrative errors and procedural delays causing more bottlenecks."

Explanation:

a) Evidence shows a decrease in crime rates due to longer prison sentences – Incorrect. This statement would actually strengthen the argument that current policies are effective, not weaken it. Hence, Option (a) is not the correct answer.

b) Studies indicate that more funding has been allocated to prisons than ever before – Incorrect. Increased funding would also be likely to support the notion that government policies are strengthening the system. Hence, Option (b) is not the correct answer.

c) Reports confirm that the number of procedural delays and administrative errors has increased – Correct. This statement directly contradicts the notion that the criminal justice system has been strengthened, suggesting that despite any measures taken, significant problems remain or have worsened. Hence, Option (c) is the correct answer.

d) Data reveals that the public feels safer and more satisfied with the justice system – Incorrect. This would imply a positive outcome from the current policies, thus supporting the idea that the policies are effective. Hence, Option (d) is not the correct answer.

27. **Answer: A**

Reference Lines: "Unless there are significant injections of funding in the relatively near future, any prediction ... that the system will arrive in due course at a point of collapse is not overly pessimistic."

Explanation:

a) "A significant injection of funding is crucial to prevent system collapse."

This option accurately reflects the author's stance on the need for substantial financial support to prevent the collapse of the criminal justice system. The passage highlights that without significant funding, the system is predicted to reach a point of collapse. Hence, Option (a) is the correct answer.

b) "Prisons should continue to operate at full capacity to deter crime."

This option suggests that maintaining full prisons is a deterrent to crime. However, the author indicates that full prisons contribute to systemic failure and delays in justice, not a solution. Hence, Option (b) is not the correct answer.

c) "Reducing sentence times is essential to solving the crisis."

While the author acknowledges that reducing sentence times could be part of the solution, the primary emphasis is on funding and comprehensive reform rather than solely on reducing sentence times. Hence, Option (c) is not the correct answer.

d) "The police are primarily to blame for the current state of the justice system."

The author does not blame the police but points out the interconnected issues within the entire justice system, including funding, overcrowded prisons, and delays in courts. Hence, Option (d) is not the correct answer.

28. **Answer: C**

Reference Lines: "Politicians on both sides, nervous about seeming soft on crime, are reluctant to talk about reducing sentence times, improving miserable prison conditions, and whether we actually want a ballooning prison population."

Explanation:

a) Counterproductive.

This option suggests that reducing sentence times would have a negative effect on addressing the crisis in the criminal justice system. However, the text does not support this view. The author discusses reluctance to reduce sentence times but does not indicate that doing so would be harmful. Hence, Option (a) is not the correct answer.

b) Essential.

This option implies that reducing sentence times is crucial to solving the crisis. While the author does acknowledge the reluctance of politicians to discuss reducing sentence times, there is no indication that this step alone is viewed as essential. The emphasis is more on a combination of measures rather than solely on reducing sentence times. Hence, Option (b) is not the correct answer.

c) Insufficient.

This option suggests that reducing sentence times would not be enough on its own to address the crisis. The reference line indicates that politicians are hesitant to address this among other issues, suggesting that a multifaceted approach is needed. The mention of interconnected issues like prison conditions and the ballooning prison population supports the idea that reducing sentence times alone would be insufficient. Hence, Option (c) is the correct answer.

d) Unrelated.

This option implies that reducing sentence times has no connection to the crisis in the criminal justice system. However, the author's mention of politicians being reluctant to discuss reducing sentence times indicates that it is indeed a relevant factor, even if not sufficient on its own. Hence, Option (d) is not the correct answer.

29. **Answer: B**

Reference Lines: "Meanwhile, two judges who ruled on legal aid cuts in February, concluded: 'Unless there are significant injections of funding in the relatively near future, any prediction ... that the system will arrive in due course at a point of collapse is not overly pessimistic.'"

Explanation:

a) The author would argue for deeper cuts to legal aid to reduce government spending.

The author's critique of the current system emphasizes the dire state of the criminal justice system due to underfunding and overcrowding. Arguing for deeper cuts would exacerbate the issues highlighted, such as delays and access to justice problems, which the author clearly opposes. This contradicts the sentiment in the passage advocating for enhancements, not reductions, in resources. Hence, Option (a) is not the correct answer.

b) The author would likely advocate for reversing the cuts to legal aid.

The passage discusses the impact of legal aid cuts and quotes judges warning about the potential collapse of the system without additional funding. Advocating for reversing the cuts aligns with the author's call for comprehensive reforms to address the systemic issues plaguing the criminal justice system. The advocacy for more resources suggests that the author would support restoring funding to legal aid. Hence, Option (b) is the correct answer.

c) The author would support the reallocation of legal aid funds to other sectors.

Supporting the reallocation of legal aid funds to other sectors would conflict with the critical need for funding within the justice system as identified by the author. The passage implies that every aspect of the criminal justice system, including legal aid, requires more investment to prevent collapse, not less. Therefore, this option is inconsistent with the author's arguments. Hence, Option (c) is not the correct answer.

d) The author would emphasize the importance of maintaining current levels of legal aid.

While maintaining current levels might seem like a safe stance, the passage suggests that merely maintaining the status quo is inadequate. The author supports significant interventions to address the challenges facing the criminal justice system, indicating that current funding levels are insufficient. Thus, this option does not fully align with the author's advocacy for increased funding and comprehensive reforms. Hence, Option (d) is not the correct answer.

30. **Answer: B**

Reference Lines: "Whoever comes into power will have to move quickly to address this."

Explanation:

a) The sentence does not contain the modal verb "would," which is required by the question. Instead, it uses the present tense "stands," describing the current state of the criminal justice system. Hence, option (a) is not the correct answer.

b) This option correctly uses the modal verb "would" in a hypothetical future context, implying what the future government needs to do to address the impending collapse of the criminal justice system. The use of "would" here suggests a necessary action in response to a given situation, aligning perfectly with the question's requirement. Hence, option (b) is the correct answer.

c) Similar to option a, this sentence does not use the modal verb "would." It uses the present tense to describe a current situation, which does not meet the modal usage criteria specified in the question. Hence, option (c) is not the correct answer.

d) This option also lacks the modal verb "would," instead using the simple present tense "are full" and "quickly fill," which describe current conditions rather than hypothetical or future possibilities required by the question. Hence, option (d) is not the correct answer.

31. **Answer: C**

Reference Lines: "The entire criminal justice system stands on the precipice of failure," warned the Prison Governors' Association.

Explanation:

a) "Caution" would imply a careful warning or advice against potential dangers, closely aligning with the original intent of a warning. Thus, substituting "warning" with "caution" does not significantly alter the meaning, focusing still on advising or alerting about a risk. Hence, option (a) is not the correct answer.

b) "Alert" suggests an urgent notification about a serious or potentially dangerous situation, which is quite similar in purpose to a warning. Thus, this substitution would maintain the original sense of urgency conveyed by "warning." Hence, option (b) is not the correct answer.

c) "Threat" generally carries a connotation of an impending negative action, often used in a different context than "warning," which is more about cautioning of consequences rather than imposing them. Therefore, replacing "warning" with "threat" would significantly alter the intended meaning, making this the correct answer because it changes the meaning. Hence, option (c) is the correct answer.

d) "Advisory" is a formal notice concerning a situation, often less urgent than a warning but still informative. This substitution would maintain the informational aspect of a warning but might slightly reduce the perceived urgency. However, it is still too close in meaning to be considered a change. Hence, option (d) is not the correct answer.

32. **Answer: D**

Reference Lines: "The entire criminal justice system stands on the precipice of failure," warned the Prison Governors' Association.

Explanation:

- a) While this option correctly notes the system's precarious functionality, it does not fully capture the urgency and critical nature of the situation that the phrase "on the precipice of failure" implies. This phrase suggests a more imminent threat than merely being operational. Hence, option (a) is not the correct answer.
- b) This option is directly contrary to the text's intent. The phrase "on the precipice of failure" clearly indicates severe problems, not thriving or overcoming challenges. Hence, option (b) is not the correct answer.
- c) This option also contradicts the implied urgency in the statement. Suggesting that immediate reforms are unnecessary is the opposite of what the phrase "on the precipice of failure" communicates, which is a need for urgent action to avoid disaster. Hence, option (c) is not the correct answer.
- d) This option aligns perfectly with the text's intent. Using "on the precipice of failure" serves to highlight the critical need for immediate, significant interventions to save the system from collapse. This expression creates a strong sense of urgency and the necessity for action, reflecting the dire situation described. Hence, option (d) is the correct answer.

33. Answer: A

Reference Lines: "With his intricate woodcuts and engravings, Albrecht Dürer (1471-1528) elevated it to a fine art. 'One cannot overstate the influence of Dürer on the history of the print. From a purely technical point of view, engraving and woodcut for centuries have been measured against his example.'"

Explanation:

- a) Pioneering spirit and experimental techniques: Albrecht Dürer's work is noted for its intricate woodcuts and engravings, demonstrating a high level of technical skill and innovation. His pioneering spirit and experimental techniques set a new standard in printmaking, transforming it from a mere craft to a recognized fine art. This approach is what distinguished his work and influenced printmaking for centuries. Hence, option (a) is the correct answer.
- b) Focus on religious themes: While religious themes were common in printmaking during Dürer's time, the passage credits Dürer's technical mastery and innovation, rather than his thematic focus, for elevating printmaking. Therefore, his focus on religious themes is not the primary reason for his impact. Hence, option (b) is not the correct answer.
- c) Collaboration with Leonardo da Vinci: Although Dürer's "knot" prints were based on designs by Leonardo da Vinci, the passage highlights Dürer's technical prowess and individual contributions. His influence on printmaking is attributed to his own techniques and innovations rather than his collaboration with da Vinci. Hence, option (c) is not the correct answer.
- d) Creation of sequential prints that tell a story: While sequential prints are an important part of the exhibition described, the passage emphasizes Dürer's technical excellence as the key factor in elevating printmaking. The creation of sequential prints is not specifically attributed to Dürer in the passage. Hence, option (d) is not the correct answer.

34. Answer: C

Reference Lines: "Often, in exhibitions, a single print is shown alone, extracted from a series—it's like a quote from a book. But when you have the whole series, you can see how one image interacts and connects with the next."

Explanation:

- a) The limited availability of his original prints: The passage does not mention the availability of Dürer's original prints as a significant challenge. The focus is more on the presentation and interpretation of his works rather than their availability. Hence, option (a) is not the correct answer.
- b) The complexity of interpreting sequential prints: While interpreting sequential prints can be complex, the passage emphasizes the issue of isolating prints from their series as the main challenge. The complexity itself is not highlighted as the primary issue. Hence, option (b) is not the correct answer.

c) The tendency to isolate single prints from their series: The passage explicitly states that exhibiting single prints alone can diminish the understanding of how images interact and connect within a series. This isolation is compared to quoting a book out of context, making it difficult to grasp the full impact of Dürer's work. Hence, option (c) is the correct answer.

d) The overshadowing influence of his contemporaries: The passage does not suggest that Dürer's work is overshadowed by his contemporaries. Instead, it highlights his significant influence on the history of printmaking. Hence, option (d) is not the correct answer.

35. **Answer: C**

Reference Lines: "One cannot overstate the influence of Dürer on the history of the print. From a purely technical point of view, engraving and woodcut for centuries have been measured against his example."

Explanation:

a) Universally acknowledged but limited in scope: The phrase "one cannot overstate" indicates that Dürer's influence is both widely recognized and extensive. The impact is not described as limited in scope, but rather as profoundly significant over centuries. Hence, option (a) is not the correct answer.

b) Often misunderstood and undervalued: The passage does not imply that Dürer's influence was misunderstood or undervalued. On the contrary, it emphasizes the high regard and significant impact of his work on the history of printmaking. Hence, option (b) is not the correct answer.

c) Exceptionally profound and far-reaching: The phrase "one cannot overstate" suggests that Dürer's influence was extremely significant and had a lasting impact on the field of printmaking. His technical standards were so high that they served as a benchmark for centuries, indicating a far-reaching and profound influence. Hence, option (c) is the correct answer.

d) Primarily relevant to his contemporaries: The passage highlights Dürer's influence as enduring over centuries, not just limited to his contemporaries. His work set technical standards that were measured against for a long time, indicating its long-lasting relevance. Hence, option (d) is not the correct answer.

36. **Answer: B**

Reference Lines: "From a purely technical point of view, engraving and woodcut for centuries have been measured against his example. ... aims to demonstrate how artists use sequential prints to explore ideas, develop a theme or tell a story."

Explanation:

a) Both statements are true and 2 is the correct explanation of 1: While both statements are accurate, statement 2 does not explain the high technical standard set by Dürer's work. Instead, it addresses a different aspect of how prints are used in exhibitions. 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 both statements are true. However, statement 2 relates to the purpose of the exhibit, which is to show how sequential prints can explore themes and narratives, rather than explaining the technical standards set by Dürer. Hence, Option (b) is the correct answer.

c) Statement 1 is true but statement 2 is false: The passage confirms the truth of both statements. Statement 1 is about the technical standards set by Dürer, and statement 2 is about the exhibit's purpose. Hence, Option (c) is not the correct answer.

d) Statement 1 is false but statement 2 is true: The passage clearly supports the truth of both statements. Dürer's work indeed set a high technical standard, and the exhibit aims to demonstrate the use of sequential prints. Hence, Option (d) is not the correct answer.

37. **Answer: D**

Reference Lines: "But when you have the whole series, you can see how one image interacts and connects with the next."

Explanation:

a) Reading a single chapter of a novel instead of the whole book: This option suggests a partial understanding, similar to viewing a single print, but the context better matches the idea of a cohesive experience, making it somewhat correct but not the best fit. Hence, Option (a) is not the correct answer.

b) Viewing a collection of unrelated paintings: This option does not convey the interconnectedness of sequential prints. A series of prints is meant to show a progression or narrative, unlike unrelated paintings. Hence, Option (b) is not the correct answer.

c) Experiencing a standalone sculpture: This does not reflect the concept of a series interacting and forming a narrative. A standalone sculpture is an isolated piece, unlike a series of interconnected prints. Hence, Option (c) is not the correct answer.

d) Listening to a complete symphony instead of one movement: This option correctly captures the idea of understanding the full impact of a series, where each part contributes to the whole. It highlights the interconnectedness and the comprehensive experience that a series of prints offers. Hence, Option (d) is the correct answer.

38. **Answer: B**

Reference Lines: "...is a highlight of the exhibit, which aims to demonstrate how artists use sequential prints to explore ideas, develop a theme or tell a story."

Explanation:

a) The chef's special dish was the highlight of the meal: This context is somewhat similar but focuses on a single dish rather than an overarching feature of the meal, making it less comparable to the exhibit's focus. Hence, Option (a) is not the correct answer.

b) The athlete's performance was highlight of the season: This use of "highlight" reflects a notable and significant aspect within a broader context, akin to the standout series in the exhibit. It conveys the same sense of importance and standout quality as the passage. Hence, Option (b) is the correct answer.

c) The book's summary highlights the main points of each chapter: This use of "highlights" is more about summarizing rather than focusing on a standout feature, which does not match the passage's context. Hence, Option (c) is not the correct answer.

d) The artist's use of colour was a highlight of the exhibition: This could be close but does not convey the broader significance as effectively as option b. It focuses more on a single aspect rather than an overarching highlight. Hence, Option (d) is not the correct answer.

39. **Answer: A**

Reference Lines: "But when you have the whole series, you can see how one image interacts and connects with the next."

Explanation:

a) Illustrate the interconnectedness and progression of ideas: The passage emphasizes how viewing a series together allows viewers to understand the relationship and development between prints. This interconnectedness and progression are crucial to appreciating the full impact of the series. Hence, Option (a) is the correct answer.

b) Emphasize the importance of individual artistic works: Showing an entire series focuses on the collective impact rather than individual works. The passage suggests that single prints are often shown alone, but the full series reveals the broader narrative or theme. Hence, Option (b) is not the correct answer.

c) Focus on the commercial value of the artwork: The passage does not mention the commercial value in this context. The focus is on the artistic and thematic significance of showing the full series. Hence, Option (c) is not the correct answer.

d) Highlight the technical flaws within the series: The focus is on the positive aspects of interconnectedness and thematic progression, not on technical flaws. The passage aims to show how sequential prints can explore ideas and develop themes. Hence, Option (d) is not the correct answer.

40. **Answer:** D

Reference Lines: "Such changes in the inner core's spin could have a small impact on the Earth's magnetic field"

Explanation:

a) The passage does not provide evidence that the inner core's rotation directly alters atmospheric temperatures. While changes in the inner core's spin might affect the magnetic field, there is no direct link established between this and atmospheric temperature changes. Hence, option (a) is not the correct answer.

b) The passage suggests that there could be minor impacts on the Earth's magnetic field due to changes in the inner core's spin. Although these impacts might be marginal, they imply some effect, contradicting the idea of no impact. Hence, option (b) is not the correct answer.

c) There is no information in the passage linking seismic activity with the inner core's rotational changes or how this might affect weather systems. The focus is on the magnetic field, not seismic activity, in relation to climate systems. Hence, option (c) is not the correct answer.

d) The passage implies that changes in the inner core's spin could influence the Earth's magnetic field, which in turn could have indirect effects on climate patterns. This aligns with the idea of marginal changes in the magnetic field having broader impacts. Hence, option (d) is the correct answer.

41. **Answer:** A

Reference Lines: "But scientists have been struggling to pin down the specifics of the inner core's motion."

Explanation:

a) The mention of a reignited controversy and differing opinions about the inner core's motion implies that geophysical research is characterized by ongoing debates and evolving theories. Scientists are still trying to understand the specifics, suggesting an active and dynamic field. Hence, option (a) is the correct answer.

b) The passage highlights ongoing controversy and disagreement among scientists, indicating a lack of consensus on the theories regarding the inner core's motion. Hence, option (b) is not the correct answer.

c) The intense discussion and studies mentioned in the passage suggest significant interest in the inner core's dynamics. The use of advanced methods like seismic waves also indicates focused research efforts. Hence, option (c) is not the correct answer.

d) The passage explicitly discusses the inner core, indicating an interest in deep Earth phenomena, not just surface events. This suggests that geophysical research extends beyond surface phenomena to include deeper aspects like the inner core's motion. Hence, option (d) is not the correct answer.

42. **Answer:** B

Reference Lines: "This shows that the evidence for [faster] rotation is strong before about 2009 and basically dies off in subsequent years."

Explanation:

a) The passage indicates a shift in evidence acceptance over time, suggesting that new evidence is scrutinized rather than quickly embraced. The decline in support for faster rotation theories after 2009 implies skepticism and the need for substantial proof. Hence, option (a) is not the correct answer.

b) The decline in support for theories of faster rotation after 2009 suggests that new evidence is met with skepticism and must overcome existing beliefs. This indicates a rigorous evaluation process before new evidence is accepted. Hence, option (b) is the correct answer.

c) The passage discusses changing theories and evidence impacting the understanding of the inner core's rotation, indicating that new evidence does influence existing theories. Hence, option (c) is not the correct answer.

d) The passage suggests that evidence influences theories regardless of alignment with older ideas, provided it is compelling. This implies that the acceptance of new evidence is not solely dependent on its agreement with older theories. Hence, option (d) is not the correct answer.

43. **Answer:** C

Reference Lines: "others proposed that the core's rotation oscillates in a 70-year cycle"

Explanation:

a) The mention of a 70-year cycle suggests reliance on long-term rather than short-term data. This indicates that understanding and verifying theories in Earth sciences may span multiple generations. Hence, option (a) is not the correct answer.

b) The discussion of long cycles does not necessarily imply inconsistency or lack of reliability. The passage suggests that the inner core's rotation is complex and requires extensive research to understand. Hence, option (b) is not the correct answer.

c) The concept of a 70-year cycle implies that understanding and verifying theories in Earth sciences may span multiple generations. This reveals the need for long-term studies and continuous observation to develop a comprehensive understanding. Hence, option (c) is the correct answer.

d) The passage does not discuss the practical application of theories but does imply their practical importance in understanding Earth's dynamics. The focus on the inner core's oscillation suggests that both theoretical and practical aspects are important. Hence, option (d) is not the correct answer.

44. **Answer:** C

Reference Lines: "The controversy of whether or not the heart of the planet spins differently than the rest of the Earth reignited in January 2023"

Explanation:

a) Complexity does not necessarily exclude topics from educational curricula; often, it can enhance educational depth. The ongoing debate and updated theories suggest that curricula would adapt to include newer findings, not exclude them. Hence, option (a) is not the correct answer.

b) The ongoing scientific debates and updates on the inner core's motion provide a rich, evolving topic for educational content in geosciences. This implies that current, not outdated, theories would be taught. Hence, option (b) is not the correct answer.

c) The ongoing scientific debates and updates on the inner core's motion provide a rich, evolving topic for educational content in geosciences. This aligns with the idea of enriching curricula with dynamic and current scientific discussions. Hence, option (c) is the correct answer.

d) The complexities and controversies discussed imply that the topic adds complexity rather than simplifying the subject matter in Earth sciences. Hence, option (d) is not the correct answer.

45. **Answer:** D

Reference Lines: "an architect designs for the present, with an awareness of the past, for an essentially unknown future."

Explanation:

a) Architects can accurately predict future trends and requirements.

This option is incorrect because the term "unknown future" suggests unpredictability, not the ability to forecast or anticipate future trends with certainty. The passage emphasizes the inherent uncertainty in predicting future architectural needs and trends, highlighting the challenges architects face in planning for a future that is not clearly defined. Hence, this option is not the correct answer.

b) Architects work without any historical knowledge or context.

This option is incorrect. The reference to the "unknown future" does not imply a lack of historical knowledge or disregard for the past. Instead, architects design with an "awareness of the past," indicating that historical context is a significant component of their work. Architects

use past knowledge to inform their designs while looking towards an uncertain future, making this interpretation inconsistent with the passage's message. Hence, this option is not the correct answer.

c) Architectural designs remain constant over time.

This option is incorrect as it directly contradicts the concept of an "unknown future," which implies change and adaptation rather than constancy. The architectural profession must evolve to meet new challenges and demands, which inherently means that designs will change over time rather than remain static. This option fails to capture the dynamic nature of architectural work as depicted in the passage. Hence, this option is not the correct answer.

d) The path of architectural innovation and practice is unpredictable.

This option is correct. It directly reflects the implications of designing for an "unknown future," which inherently involves unpredictability and constant evolution. Architects must innovate and adapt without a clear picture of what the future holds, making their path forward uncertain and unpredictable. This choice aligns perfectly with the passage's emphasis on the challenges architects face due to the uncertain nature of future societal and environmental needs. Hence, this option is the correct answer.

46. **Answer:** A

Reference Lines: "architecture is an intrinsically philosophical enterprise grounded in aesthetics and ethics..."

Explanation:

a) Architecture is solely about the practical functionality of buildings.

This option is correct as it does not align with the passage's depiction of architecture as an enterprise that also involves deep philosophical engagement, including aesthetics and ethics. The passage underscores that architecture goes beyond mere functionality to include considerations of how spaces influence and reflect human values and experiences. By stating that architecture is only about functionality, this option ignores these broader, philosophical aspects that are central to the practice according to the passage. Hence, this option is the correct answer.

b) Architectural designs consider the ethical impact on society.

This option is incorrect because it accurately reflects the passage's portrayal of architecture as an activity deeply intertwined with philosophical inquiries into ethics and human values. Architects consider the impact of their designs on society, aligning their work with ethical considerations and broader human concerns, which is a central theme in the passage. Hence, this option is not the correct answer.

c) Philosophy in architecture can guide the aesthetic and ethical dimensions of design.

This option is incorrect as it directly resonates with the passage's discussion of architecture as a philosophical enterprise. The passage emphasizes that philosophical inquiry informs both the aesthetic and ethical aspects of architectural design, helping architects create spaces that are not only functional but also meaningful and ethically sound. Hence, this option is not the correct answer.

d) Theoretical discourse in architecture often intersects with philosophical inquiry.

This option is incorrect because it aligns perfectly with the passage's depiction of architecture. The integration of theoretical and philosophical discourses in architecture allows for a richer, more profound approach to designing spaces that reflect and shape human experiences and societal values. This connection is highlighted as a fundamental aspect of the profession in the passage. Hence, this option is not the correct answer.

47. **Answer:** C

Reference Lines: "...the recent practice of adaptive reuse, the process of transforming vacant buildings into schools, public parks, offices, or apartments."

Explanation:

a) It indicates a disregard for the preservation of historical buildings.

This option is incorrect as adaptive reuse is specifically about repurposing existing buildings, which inherently involves respecting and preserving historical structures rather than disregarding them. The practice of transforming vacant or underused buildings into functional spaces like schools or parks reflects a commitment to sustainability and the thoughtful preservation of architectural heritage. Hence, this option is not the correct answer.

b) It signifies a static approach to architectural innovation.

This option is incorrect because adaptive reuse represents an innovative and dynamic approach to architecture. It involves creatively reimagining existing structures to meet new uses, demonstrating adaptability and ingenuity rather than a static or unchanging methodology. The ability to transform old buildings into new, vibrant community spaces highlights the evolutionary and responsive nature of modern architectural practices. Hence, this option is not the correct answer.

c) It highlights architecture's adaptability and responsiveness to changing societal needs.

This option is correct as it aligns with the passage's description of adaptive reuse. By repurposing buildings for new functions, architects demonstrate a responsiveness to societal changes and needs, utilizing their skills to adapt existing resources in innovative ways. This approach not only preserves historical structures but also addresses current community and environmental needs, making architecture a dynamic and adaptable practice. Hence, this option is the correct answer.

d) It implies that new construction is preferred over modifying existing structures.

This option is incorrect as it directly contradicts the concept of adaptive reuse, which is about modifying and repurposing existing buildings rather than favouring new construction. The practice of adaptive reuse is based on the idea of sustainability and resourcefulness, utilizing what already exists to meet new needs, which is the opposite of prioritizing new constructions. Hence, this option is not the correct answer.

48. **Answer: B**

Reference Lines: "These days, architects are venturing deeper into the unknown as AI tools...create blueprints and turn them into photorealistic images within seconds...Architects need to reevaluate their role within society."

Explanation:

a) AI is set to completely replace human architects in the future.

This option is incorrect because the passage does not suggest that AI will replace architects but rather challenges them to redefine their roles. The integration of AI in architecture is portrayed as a tool for innovation and efficiency, not as a replacement for the creative and philosophical contributions of human architects. Hence, this option is not the correct answer.

b) AI serves as a tool that challenges architects to redefine their roles.

This option is correct as it reflects the passage's discussion on the impact of AI in architecture. AI tools like Dall-E and Midjourney, which can quickly generate blueprints and images, prompt architects to reconsider their roles and contributions in a technologically advancing world. This reevaluation is necessary for architects to remain relevant and impactful, integrating AI as a tool to enhance, not replace, their creative and intellectual endeavours. Hence, this option is the correct answer.

c) AI has minimal impact on the architectural profession.

This option is incorrect as the passage clearly states that AI is a significant force in architecture, creating a need for architects to reassess how they work. The rapid capabilities of AI in generating designs and images signify a substantial impact, influencing how architects approach their craft in the context of new technological possibilities. Hence, this option is not the correct answer.

d) AI discourages philosophical inquiry within architecture.

This option is incorrect. Although AI fundamentally changes how architects work, the passage suggests that this technological advancement should not discourage but rather inspire architects to engage more deeply with philosophical inquiries. By leveraging AI, architects can explore new forms of creativity and ethical considerations, enhancing the philosophical

dimensions of their work rather than diminishing them. Hence, this option is not the correct answer.

49. **Answer:** A

Reference Lines: "...create spaces that resonate with deeper human experiences and values, something that AI tools cannot do well."

Explanation:

a) AI focuses solely on aesthetic appeal without deeper significance.

This option is correct as it highlights the limitations of AI in architecture, particularly its inability to fully grasp and integrate the deeper human experiences and values that are central to philosophical architectural practice. The passage points out that while AI can produce aesthetically pleasing designs, it lacks the capability to imbue these spaces with the deeper meanings and considerations that come from human insight and philosophical reflection. Hence, this option is the correct answer.

b) AI-generated designs prioritize environmental sustainability above all.

This option is incorrect because the passage does not discuss the environmental priorities of AI in architecture. While sustainability may be a component of AI-driven designs, the passage specifically focuses on the philosophical and human-centered aspects that AI struggles to incorporate, making this option irrelevant to the contrast described. Hence, this option is not the correct answer.

c) AI can fully replicate the philosophical depth achieved by human architects.

This option is incorrect as it directly contradicts the passage's claim. AI, despite its advancements, cannot replicate the philosophical depth and the nuanced understanding of human values that human architects bring to their designs. The passage emphasizes AI's limitations in engaging with the deeper aspects of architectural philosophy, which are essential for creating spaces that resonate on a human level. Hence, this option is not the correct answer.

d) AI excels in creating spaces that reflect human nature and values.

This option is incorrect because, according to the passage, AI lacks the ability to deeply understand and reflect human nature and values in its designs. While AI can create visually impressive and functionally efficient spaces, it does not excel in incorporating the complex philosophical and ethical considerations that inform the creation of spaces that truly resonate with human experiences and aspirations. Hence, this option is not the correct answer.

50. **Answer:** B

Reference Lines: "Architects need to...embrace interdisciplinary and transdisciplinary approaches in their everyday work."

Explanation:

a) Architects should focus solely on enhancing their technical skills.

This option is incorrect as it overlooks the passage's emphasis on the need for architects to engage with interdisciplinary and transdisciplinary approaches. Focusing solely on technical skills would limit the ability of architects to integrate other important dimensions such as philosophy, ethics, and aesthetics into their work, which are essential for creating meaningful and resonant architectural designs. Hence, this option is not the correct answer.

b) Architects should engage with fields like philosophy to enrich their designs.

This option is correct because it aligns with the passage's call for architects to embrace interdisciplinary approaches in their practice. By engaging with fields like philosophy, architects can enhance the depth and breadth of their designs, incorporating broader humanistic and ethical considerations that elevate the impact and relevance of their work in society. Hence, this option is the correct answer.

c) Architects should isolate themselves from other disciplines to maintain purity in design.

This option is incorrect as it directly contradicts the passage's advocacy for interdisciplinary engagement. Isolating from other disciplines would prevent architects from accessing diverse perspectives and knowledge that could inform and improve their design practices. The passage emphasizes the importance of collaboration and integration across disciplines to create more

comprehensive and impactful architectural solutions. Hence, this option is not the correct answer.

d) Architects should prioritize cost-effectiveness over all other design considerations.

This option is incorrect because it simplifies the complex role of architects as described in the passage. While cost-effectiveness is an important aspect of architectural practice, the passage highlights the need for a more nuanced approach that includes ethical, aesthetic, and philosophical considerations. Prioritizing cost alone would diminish the quality and depth of architectural work, undermining the interdisciplinary engagement that the passage advocates. Hence, this option is not the correct answer.

SECTION – B: Current Affairs and General Knowledge

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

Section – B: Logical Reasoning

81. **Answer:** B

Explanation: Option (a) - modern Romance, modern Mystery, classic Adventure, modern Adventure, modern Biography

Violation: Includes Adventure despite the sale of Biography (modern Biography), violating Condition V which states that if any Biography is on sale, then no Adventure should be on sale.

Option (b) - classic Science Fiction, modern Mystery, classic Biography, modern Biography
Condition Met:

Modern Mystery is on sale.

Both Biographies are on sale, which corresponds with the requirement that no Adventure should be on sale, aligning with Condition V.

No Violations apparent as no Adventure is included and it adheres to all conditions.

Option - (c) classic Science Fiction, modern Science Fiction, modern Romance, modern Mystery, classic Adventure, classic Mystery

Condition IV Violation: The inclusion of both Classic and Modern Science Fiction along with Classic Mystery in Option (c) directly contravenes the stipulated condition.

Condition II Violation (revisited): Given both editions of Mystery are on sale, all Biographies should also be on sale, which isn't explicitly stated. If Biographies are implicitly included due to both Mysteries being on sale, then the inclusion of any Adventure (Classic Adventure) would violate Condition V.

Option (d) - modern Science Fiction, modern Mystery, classic Biography, modern Biography, classic Adventure

Violation:

This option includes Classic Adventure while Biography (both modern and classic) is on sale, which directly violates Condition V.

82. **Answer:** B

Explanation: If classic Biography is on sale, Condition V comes into effect, which states that if either edition of Biography is on sale, then no Adventure is on sale. This directly impacts the sale status of all Adventure editions, including Classic Adventure. Therefore, with classic Biography being on sale, it mandates that Classic Adventure cannot be on sale, satisfying the condition that precludes any Adventure from being included in the sale due to the presence of a Biography edition.

83. **Answer:** B

Explanation: Both editions of Romance are on sale: From condition iii, this implies that no Adventure books are on sale.

Modern Mystery is on sale: This is given by condition i.

Biography: Condition ii and iii don't explicitly trigger since we are looking for the minimum number of modern books in the sale and no Adventure books are on sale (v doesn't trigger). Therefore, it is possible that not all Biography books are on sale.

Science Fiction: We know that if neither edition of Science Fiction is on sale, then classic Mystery is (from condition iv). Since we know that classic Mystery is already on sale (implied by the sale of both Mystery genres from condition ii as modern Mystery is on sale), it does not necessarily affect the status of Science Fiction for this scenario. Thus, Science Fiction can potentially be not on sale, contributing to minimizing the number of genres on sale.

Given these conditions and aiming for the minimum:

i. Modern Mystery is on sale.

ii. Modern Romance is on sale.

So, the minimum number of types of modern books included in the sale, when both editions of Romance are on sale, is two.

84. **Answer:** D

Explanation: T, the grandmother of X, has two children, V and W. V is married to Y and is the parent of X. Since W is the sibling of V, W could either be an uncle or an aunt to X, depending on W's gender, which isn't specified in the information provided. Thus, the relationship can't be determined without knowing W's gender.

85. **Answer:** D

Explanation: While T and U are married and have two children, including V, who is X's parent, the genders of T and U are not specified in the description. Without this information, it is not possible to definitively identify either T or U as the grandmother or grandfather of X. Therefore, we cannot determine who the grandmother is without further information on their genders.

86. **Answer:** A

Explanation: R is the wife of S, who is the brother of T. T is explicitly identified as the grandparent of X. Given that S is T's brother, he occupies the same generational level as T in relation to X, making him a great-uncle to X. Since R is married to S and is a female, she holds the position of a great-aunt to X. This is because R is part of the same generational tier as T and S, but her connection to X is through marriage to S, not through a direct bloodline, which places her as a great-aunt in the family hierarchy.

87. **Answer:** D

Explanation: Option (a): Correct. T is married to U, and since U is the grandfather of X, T being the spouse would naturally be the grandmother of X.

Option (b): Correct. Y is married to V, who is the child of U. This makes Y the daughter-in-law of U, as Y is married to U's son.

Option (c): Correct. S, being the brother of T and T being a grandparent to X, places S in the generational level above X, but not directly as a grandparent, making him a great-uncle.

Option (d): Incorrect. W is a child of T and U, making W a sibling of V, not of Y. Y is married to V, which does not make Y and W siblings but rather in-laws.

88. **Answer:** A

Explanation: Option (a): Correct. Q, as the daughter of R who is married to S, makes her husband S's son-in-law. This is the straightforward relational connection through marriage.

Option (b): Incorrect. T is S's sibling, and there is no indication that Q's husband has any brotherly relation to T.

Option (c): Incorrect. U is married to T and is not related by blood to S or R, hence Q's husband being U's nephew does not align with the provided family structure.

Option (d): Incorrect. V is the child of T and U. There's no indication that Q's husband has a direct familial relationship to V, such as an uncle, without additional context or relationships that would suggest such a connection.

89. **Answer:** A

One Project	A, C, "E or F"
Two Project	B, G, "E or F"
Three project	I, D, H

Explanation:

90. **Answer:** A

One Project	A, C, "E or F"
Two Project	B, G, "E or F"
Three project	I, D, H

Explanation:91. **Answer:** B

One Project	A, C, "E or F"
Two Project	B, G, "E or F"
Three project	I, D, H

Explanation:92. **Answer:** C

One Project	A, C, "E or F"
Two Project	B, G, "E or F"
Three project	I, D, H

Explanation:93. **Answer:** D

One Project	A, C, "E or F"
Two Project	B, G, "E or F"
Three project	I, D, H

Explanation:

94. **Answer:** A

One Car	Second Car
Chirag(Driver) Bhaskar Hina Garima	Dev Esha Arun Fiza

Explanation:95. **Answer:** A

One Car	Second Car
Chirag(Driver) Bhaskar Hina Garima	Dev Esha Arun Fiza

Explanation:96. **Answer:** A

One Car	Second Car
Chirag(Driver) Bhaskar Hina Garima	Dev Esha Arun Fiza

Explanation:97. **Answer:** D

One Car	Second Car
Chirag(Driver) Bhaskar Hina Garima	Dev Esha Arun Fiza

Explanation:

98. **Answer:** C

One Car	Second Car
Dev Esha Arun Fiza	Chirag(Driver) Bhaskar Hina Garima

Explanation:

99. **Answer:** D

One Car	Second Car
Chirag(Driver) Bhaskar Hina Garima	Dev Esha Arun Fiza

Explanation:

100. **Answer:** A

Explanation: The relationship between "Genuine" and "Authentic" is that they are synonyms; both words refer to something that is real, true, or valid.

A "Mirage" is a phenomenon where something appears to be present but isn't actually there. This is an "Illusion," meaning that what is perceived is not real.

101. **Answer:** A

Explanation: The relationship between "House" and "Rent" is that rent is the payment made for the use of a house.

Similarly, the relationship between "Debt" and "Interest" is that interest is the payment made for the Debt (money that is lent).

102. **Answer:** D

Explanation: (a) Brush : Paint: A brush is a tool used to apply or create a painting. This aligns with the relationship of using a tool to create something.

(b) Oven : Bake: An oven is a tool used to bake food. Again, this reflects the usage of a tool to perform a specific action that results in creating something.

(c) Telescope : Star: A telescope is a tool used to observe stars. While this is slightly different because it's about observation rather than creation, in the broader sense, it can still be considered as a tool facilitating an interaction with its object (stars). All the options are valid and correct so D is the correct answer.

103. **Answer:** D

Explanation: In this analogy, the relationship is between animals and their characteristic sounds. An "owl" is known to "hoot," a sound that is deep and resonant, often associated with nighttime. Similarly, a "goose" makes a sound referred to as a "honk," which is also a term used for the sound made by a car horn.

104. **Answer:** D

Explanation: In the options (a) QPON, (b) LKJI, and (c) EFGH, the letters are in a reverse consecutive order from the original alphabet sequence (i.e., ZYX..., JIH..., CBA...). However, in option (d) YXWU, while the letters are not in reverse order.

105. **Answer:** D

Explanation: The sequences in options (a), (b), and (c) show a consistent pattern where the second letter is 2 positions back from the first/third repeated letter, and the fourth letter is 2 positions forward from the repeated letter. In option (d), however, the fourth letter ('Y') deviates from this pattern by being 3 positions forward from the repeated letter ('V') instead of 2. This inconsistency makes it the odd one out.

106. **Answer:** C

Explanation: The code 'bu' appears in the phrases 'Keep Doors Open Always' and 'Doors Never Apart From.' The common word in both phrases is 'Doors,' hence 'bu' codes for 'Doors.'

107. **Answer:** D

Explanation: The code 'zx' appears only in the phrase 'Open Home To Everyone.' By comparing with other phrases, 'th' codes for 'To,' 'rs' for 'Home,' and 'vt' for 'Open.' Thus, 'zx' must code for 'Everyone.'

108. **Answer:** B

Explanation: The pattern for this code is moving each letter odd place letter one place forward even place letter two place forward

P → R

I → L

N → P

K → N

Applying this to 'GOLD':

G → I

O → R

L → N

D → G

Thus, 'GOLD' is coded as IRNG, aligning with option (B).

109. **Answer:** A

Explanation: The pattern for this code is moving each letter odd place letter 2 place forward even place letter 2 place backward

C → F

A → X

R → U

D → A

Applying this to 'NOTE':

N → Q

O → L

T → W

E → B

Thus, 'NOTE' is coded as QLWB,

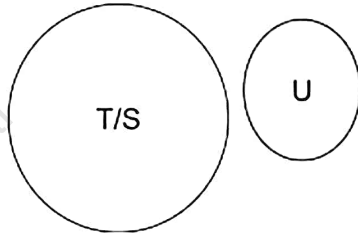
110. **Answer:** C

Explanation: Given Performance is last and must be directly preceded by Speech (ii), this places Speech in the third position. This configuration invalidates option (a) and (d) since they do not adhere to this order. Parade cannot be the first or last (iii), which disqualifies option (b).

Therefore, option (c) Lunch Break, Parade, Speech, Performance is the only sequence that satisfies all conditions, respecting the restrictions around Parade and Lunch Break (iv).

111. **Answer:** B

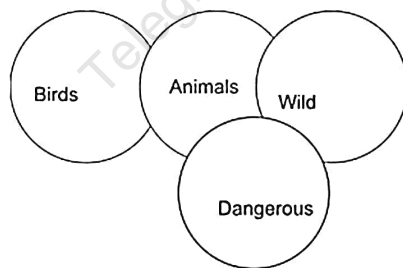
Explanation:



Conclusion I: Some teachers are unemployed. This is False because it directly contradicts the logical extension of the given statements. If every teacher is a student and no student is unemployed, then logically, it cannot be that some teachers are unemployed.

Conclusion II: No teacher is unemployed. This is True. The statements together imply that since all teachers fall under the category of students and no student is unemployed, it logically follows that no teacher is unemployed.

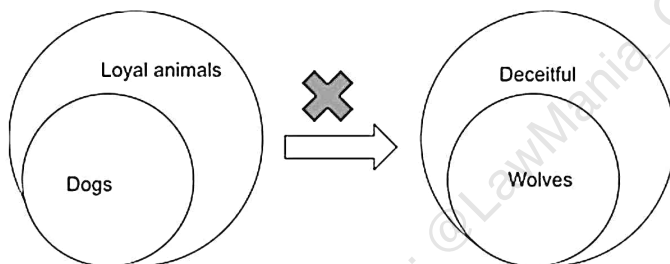
112. **Answer:** D



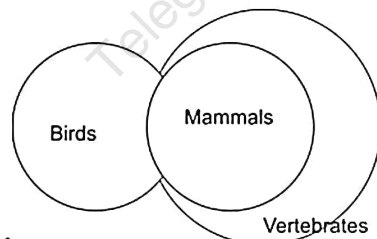
Explanation:

113. **Answer:** B

Explanation:

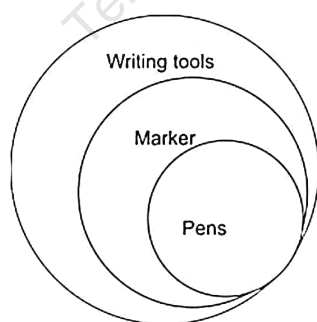


114. **Answer:** C



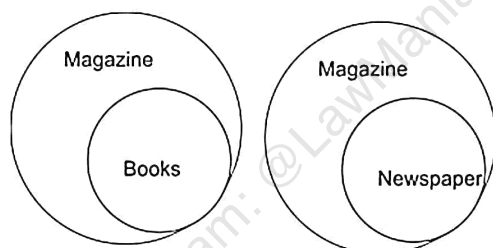
Explanation:

115. **Answer:** D



Explanation:

116. **Answer:** D



Explanation:

117. **Answer:** C

Explanation: Option (a): Incorrect: The passage describes the education system as chaotic and derelict, indicating a significant decline from traditional academic values. While the option suggests that the system retains its foundational values despite challenges, the passage highlights that these challenges (scams, mass copying, etc.) have transformed educational environments into "blackboard jungles," suggesting a significant departure from effective educational practices.

Option (b): Incorrect: This option minimizes the impact of the scandals by suggesting they haven't fully compromised the system's objectives. However, the passage argues that these issues are severe enough to threaten the very purpose of education, turning academic settings into chaotic spaces and contributing to a crisis that questions the system's existence. Thus, the foundational objectives are indeed being undermined.

Option (c): Correct: The passage directly links the failures of the education system—highlighted by a series of educational scams—to the inability to capitalize on the demographic dividend, which refers to the potential economic growth that could arise from a young, educated workforce. Instead, the system is producing a significant number of unemployed graduates, failing to utilize this potential effectively.

Option (d): Incorrect: This option suggests that the negative impacts of educational scandals are overstated. However, the passage explicitly states that these scandals contribute to a larger existential crisis, affecting both the social and economic fabric by producing unemployed graduates and mocking the idea of education as a pathway to employment. Therefore, the negative impacts are substantial and integral to understanding the system's current failures.

118. **Answer:** B

Explanation: Option (a): Incorrect explanation: While this option suggests a high usage rate of smartphones, it does not directly support the argument about their unique power or versatility. The passage emphasizes the multifunctional nature of smartphones compared to other technologies' specific purposes. High usage does not necessarily imply that smartphones can perform multiple functions.

Option (b): Correct—This option directly supports the passage's argument that smartphones are unique in their functionality compared to other technologies. By stating that smartphones can

perform the functions of many other technologies, it underlines the reason they are considered powerful and versatile, fitting perfectly with the passage's emphasis on their ability to offer countless possibilities and break the limitations typical of other technologies.

Option (c): Incorrect: This option generalizes about the evolution of all technologies, which doesn't specifically support why smartphones are uniquely powerful or versatile. The passage focuses on the current capabilities of smartphones compared to other technologies, not on a general trend in technological development.

Option (d): Incorrect: This option focuses on the role of smartphones in internet access, which is a specific functionality. Although it highlights an important aspect of smartphones, it doesn't strengthen the argument about their unique versatility across multiple domains as described in the passage. The passage argues for a broader range of functionalities beyond just internet access.

119. **Answer: B**

Explanation: Option (a): Incorrect explanation: Conclusion I suggests that CBDC will completely eliminate financial fraud in India, which is an overstatement. The passage notes that a significant portion of the population is vulnerable to fraud and financially illiterate, but it does not claim that CBDC will eliminate fraud entirely; rather, it implies that CBDC could help address some challenges related to financial inclusion and vulnerability. Thus, this conclusion is too broad and not directly supported by the passage.

Option (b): Correct explanation: Conclusion II is directly supported by the passage, which states that CBDC can serve as a bridge in providing seamless and cost-effective financial transactions, particularly in areas where access to traditional banking is limited, such as rural regions. This aligns with the passage's emphasis on the potential of CBDC to extend financial services to underbanked and unbanked populations, making it a reasonable inference.

Explanation of options:

a) Only conclusion I follows. This is incorrect because conclusion I does not follow from the given information, as explained above.

b) Only conclusion II follows. This is the correct answer. As explained, conclusion II is supported by the information provided in the passage, while conclusion I is not.

c) Both conclusions I and II follow. This is incorrect because while conclusion II follows, conclusion I does not.

d) Neither conclusion I nor II follows. This is incorrect because conclusion II does follow from the given information.

Therefore, the passage provides clear support for the idea that CBDC will improve access to financial services in rural India (conclusion II), but it does not provide enough information to conclude that CBDC will completely eliminate financial fraud in India (conclusion I). Therefore, only conclusion II follows, making option b the correct answer.

120. **Answer: D**

Explanation: This assumption is most necessary for the argument made in the passage. Here's why:

1. The passage states that evolving challenges "demand some form of response or adjustment from businesses" and that "Standing still isn't an option."

2. However, it also notes that "constant change can undermine our basic sense of self, as well as our productivity and health."

For these ideas to logically coexist, we must assume that the need for organizational change and the potential negative impacts on individuals are not mutually exclusive. This assumption allows for both realities to exist simultaneously: organizations must change to address challenges, yet this constant change can negatively affect individuals.

Explanations for the incorrect options:

a) Organizations inherently resist changes to their structure and processes.

This is incorrect because the passage doesn't suggest that organizations resist change. In fact, it implies that organizations must change to address evolving challenges. The argument doesn't rely on the assumption that organizations resist change.

b) Businesses can adapt to changes despite potential negative consequences.

While this might be true, it's not a necessary assumption for the argument in the passage. The passage doesn't discuss the capability of businesses to adapt; it focuses on the need for change and its potential negative impacts. The argument would hold even if businesses struggled to adapt to changes.

c) External changes occur too rapidly for effective business adaptation.

This is not a necessary assumption for the argument. The passage doesn't suggest that the rate of change is too rapid for effective adaptation. It merely states that challenges are evolving and that businesses need to respond. The argument about the potential negative impacts of constant change doesn't depend on the speed of external changes.

The correct assumption (d) is crucial because it allows for the coexistence of the need for organizational change and the potential negative impacts of constant change on individuals, which is the core tension presented in the passage.

121. **Answer: B**

Explanation: a) Evolutionary shifts attributed to human actions are often the result of temporary, localized disruptions rather than long-term, global phenomena.

This option argues that the evolutionary changes linked to human activity are not as permanent or widespread as the passage suggests. By framing human-induced changes as temporary and localized, this option attempts to downplay the significance of human influence on global evolution. However, it doesn't entirely negate the possibility that these changes could still accumulate over time to produce substantial effects on a broader scale. This means that while the option weakens the argument, it doesn't fully undermine the assertion that humans are the predominant force driving evolutionary changes today. Hence, Option (a) is not the correct answer.

b) Comparative studies reveal that past natural events have induced more extensive and irreversible evolutionary changes than those currently observed.

This option presents evidence that past natural events, rather than human activities, have had a more profound and lasting impact on evolutionary changes. By highlighting that natural occurrences in history have led to more extensive and irreversible changes, it suggests that human-induced changes may be minor in comparison. This directly challenges the argument that humans are the most powerful evolutionary force, effectively weakening the passage's claim. By drawing a direct comparison with historical events, this option provides the strongest counterargument to the assertion that human activities are the predominant evolutionary force. Hence, Option (b) is the correct answer.

c) The adaptive responses of many species to environmental stressors remain consistent with historical patterns, irrespective of human interference.

This option posits that species' adaptive behaviours in response to environmental changes are in line with historical trends, even in the presence of human activity. It implies that the current evolutionary changes are not necessarily unique or unprecedented, thus diminishing the novelty or magnitude of human influence. However, while this suggests continuity with past evolutionary patterns, it doesn't fully dismiss the idea that humans are still a significant evolutionary force. The option subtly weakens the claim but doesn't provide a strong enough counterargument to undermine the assertion that humans are the predominant drivers of evolutionary changes. Hence, Option (c) is not the correct answer.

d) The influence of human activity on evolutionary dynamics is counterbalanced by ongoing natural processes that have persisted throughout Earth's history.

This option suggests that while human activities do impact evolutionary dynamics, this influence is offset by natural processes that have been consistently at work over the course of Earth's history. This implies that the human impact is not as overwhelming as the passage suggests because it is balanced by other ongoing natural forces. While this does weaken the

claim that humans are the most powerful evolutionary force, it still acknowledges that human influence is significant, just not singular. This means the argument is slightly weakened but not as much as provided in option (b) as natural processes are presented as mitigating rather than eliminating the human role in evolution. Hence, Option (d) is not the correct answer.

122. **Answer:** C

Explanation: a) Implement policies that encourage sustainable fishing practices to minimize the impact on marine biodiversity.

Sustainable fishing practices are essential for maintaining marine biodiversity by preventing overfishing and preserving fish populations. However, the passage suggests that the dominance of prokaryotes, driven by climate change, poses a more systemic threat to the marine ecosystem, potentially leading to a reduction in fish availability. While sustainable fishing is vital, it does not directly address the underlying ecological imbalance caused by climate change and the increasing dominance of prokaryotes. The issue at hand requires addressing the broader environmental changes rather than focusing solely on one aspect of marine biodiversity. Hence, Option (a) is not the correct answer.

b) Enhance collaborative research efforts to better understand the ecological dynamics of microscopic marine organisms.

Collaborative research is crucial for gaining a deeper understanding of the ecological role and impact of microscopic organisms like prokaryotes. This knowledge could help in predicting future changes in marine ecosystems and inform policy decisions. However, the passage highlights an urgent threat to marine ecosystems due to climate-induced changes that favour prokaryotes. While research is necessary, it is a reactive measure that does not immediately address the current and pressing issue of ecosystem destabilization. The passage calls for a more proactive approach to mitigate the broader environmental changes affecting marine ecosystems. Hence, Option (b) is not the correct answer.

c) Develop global strategies to address the broader environmental changes that could destabilize marine ecosystems.

This option tackles the root cause of the issue presented in the passage: the broader environmental changes, such as climate change, that are leading to the increased dominance of prokaryotes in marine ecosystems. By addressing these larger environmental shifts, international agencies can help maintain the balance in marine ecosystems and mitigate the potential negative outcomes, such as reduced fish availability and weakened carbon absorption by the oceans. This comprehensive and proactive approach aligns with the passage's warning about the systemic risks posed by climate change. Hence, Option (c) is the correct answer.

d) Focus on reducing human activities that exacerbate the vulnerabilities of larger marine species to environmental shifts.

Reducing human activities that harm larger marine species is a crucial part of environmental conservation. However, this option primarily addresses the direct impact of human activities on specific species, rather than the broader environmental changes highlighted in the passage. The passage discusses the potential for prokaryotes to disrupt the balance of marine ecosystems due to their resilience to climate change. This suggests that a broader approach, targeting the overall environmental shifts rather than just the direct impacts on larger species, would be more effective in preserving marine ecosystems. Hence, Option (d) is not the correct answer.

123. **Answer:** A

Explanation: Option (a): Correct.: This option directly addresses the paradox by providing a scientific rationale (antifreeze salts) that explains how liquid water can exist in Mars's mid-crust despite the harsh surface conditions. It supports the conclusion by highlighting a plausible and specific chemical interaction.

Option (b): Incorrect: While this option introduces a valid concern about scientific validation, it does not resolve the paradox of the existence of liquid water on Mars. Instead, it challenges the veracity of the study's claims, leaving the paradox unresolved rather than providing a mechanism or explanation for the observed phenomenon.

Option (c): Incorrect: This option proposes an intriguing alternative—that the detected substance might not be water. However, it shifts the discussion to speculative territory about unknown compounds rather than addressing how the known properties of water could be sustained in liquid form under Martian conditions.

Option (d): Incorrect: Similar to option (c), this choice focuses on potential misidentification issues with detection technology. It raises doubts about the accuracy of the detection rather than explaining how liquid water could physically and chemically exist given the conditions described on Mars. This option questions the methodology rather than addressing the core paradox.

124. **Answer: A**

Explanation: a) The pursuit of truth in criminal cases is often compromised when political interests take precedence over justice.

This option reflects the core concern of the author, who is worried about the potential for justice to be compromised when political interests overshadow the facts of the case. The author emphasizes that the victim's dignity is further violated when the case is used as a tool for political purposes, suggesting that political agendas can hinder the revelation of the full truth. The author's tone and language indicate a clear disapproval of how political involvement can corrupt the judicial process, implying that justice and truth are often casualties when political interests dominate. Hence, option (a) is the correct answer.

b) Media coverage of high-profile cases generally prioritizes the dignity of the victim over public interest.

This option does not align with the author's viewpoint. The author explicitly mentions that the victim's dignity has been further tarnished by the politicization of the case, implying that the media and other parties have failed to respect the victim's dignity. The author's criticism is aimed at the instrumentalization of the victim for political and ideological purposes, which suggests that the victim's dignity is not being prioritized. Rather than suggesting that media coverage prioritizes dignity, the author is highlighting how it often neglects this in favor of other interests. Hence, option (b) is not the correct answer.

c) Political engagement in criminal cases can ensure that the concerns of the public are adequately addressed.

This option contradicts the author's perspective. The passage strongly criticizes the involvement of political agendas in the criminal case, suggesting that such engagement does more harm than good by compromising justice and dignity. The author does not endorse political engagement as a means to address public concerns but instead views it as an additional violation of the victim's dignity. The author seems to argue that political engagement often distorts the pursuit of truth and justice, making it an obstacle rather than a solution. Hence, option (c) is not the correct answer.

d) The judiciary's involvement in such cases is likely to be effective only when political neutrality is maintained.

While the author does mention the judiciary, there is no specific argument in the passage about the necessity of political neutrality for the judiciary's effectiveness. The focus of the passage is on how political agendas have already compromised the dignity of the victim and potentially the justice process. Although political neutrality could be implied as desirable, the author does not explicitly connect it to the effectiveness of judicial involvement. The main concern is with the indignity caused by the politicization rather than the conditions for judicial effectiveness. Hence, option (d) is not the correct answer.

125. **Answer: B**

Explanation: Argument 1 (For the tax): This argument is strong because it directly addresses the potential positive impact of the proposed policy. It suggests that the tax would discourage excessive sugar consumption, which could lead to better public health outcomes. This is a logical consequence of making high-sugar foods more expensive, as price increases often lead to reduced consumption.

Argument 2 (Against the tax): This argument is also strong as it highlights a potential negative consequence of the policy. It points out that the tax could disproportionately affect lower-income individuals who may rely on cheaper, high-sugar foods. This raises an important equity issue and potential unintended consequence of the policy.

Argument 3 (Against the tax): This argument is strong because it presents another potential negative consequence of the policy. The possibility of increased black market sales is a valid concern when implementing taxes on consumable goods, as seen with other products like alcohol and tobacco.

Explanation for why b) is correct:

All three arguments present valid and important considerations related to the proposed sugar tax. They each highlight different aspects of the policy's potential impact - health benefits, economic equity, and law enforcement challenges. A strong policy analysis should consider all of these factors.

Explanation for other options-

a) Only arguments 1 and 2 are strong: This is incorrect because it excludes argument 3, which is also a strong and valid consideration.

c) Only arguments 2 and 3 are strong: This is incorrect because it excludes argument 1, which presents a valid potential benefit of the policy.

d) Only arguments 1 and 3 are strong: This is incorrect because it excludes argument 2, which raises an important equity concern.

In policy debates, it's crucial to consider multiple perspectives and potential outcomes, both positive and negative. All three arguments contribute valuable points to the discussion, making them all strong in the context of this debate.

126. **Answer: A**

Explanation: Option (a): Correct: Doctor X's criticism of the proposed treatment plan is based primarily on the cost of the treatment and the fact that it is not covered by Mrs. Smith's insurance. This economic argument does not address whether the treatment is clinically effective or appropriate for Mrs. Smith's condition. Instead, it challenges the treatment's feasibility from a financial standpoint, implying a flaw in the recommendation's validity based on cost alone. This is a logical fallacy as the ability to afford a treatment does not reflect on its medical appropriateness or potential benefits, making this the most significant flaw in Doctor X's reasoning.

Option (b): Incorrect: This option suggests a comparison that Doctor X does not actually make in the scenario described. There is no mention of Doctor X comparing the new drug therapy to conventional treatments or criticizing the lack of data supporting the new therapy. Thus, this answer does not address the content of Doctor X's criticism and is not relevant to identifying a flaw in his reasoning.

Option (c): Incorrect: The scenario does not indicate that Doctor X engages in personal attacks against Doctor Z. Doctor X's objections are framed in terms of the economic burden on the patient, not as a critique of Doctor Z's personal judgment or qualifications. This option mischaracterizes the nature of Doctor X's objection, which, although flawed, remains focused on the treatment's economic implications rather than personal criticism.

Option (d): Incorrect: While it is true that considering the long-term benefits of a treatment is important, the primary flaw in Doctor X's argument as presented is not the disregard for these benefits but rather the basis of the objection itself, which is economic. This option, although highlighting a potentially overlooked aspect of treatment planning, does not directly address the fundamental flaw in Doctor X's reasoning related to conflating economic feasibility with clinical validity.

127. **Answer: C**

Explanation: Option (a): Incorrect. This option addresses a potential bias in the analyst's statement but doesn't directly challenge the core of the argument about the nature of technological advancements. Cosmetic changes could involve technological innovations (like

materials science), but the critic's main point is about functionality, not aesthetic improvements.

Option (b): Incorrect. While this is a valid consideration, it does not directly counter the analyst's claim about the nature of technological improvements. This criticism could explain why companies focus on design, but it doesn't invalidate the analyst's observation about the lack of substantial functional advancements.

Option (c): Correct. This option directly targets the analyst's oversight. By focusing solely on the apparent cosmetic updates, the analyst may have overlooked the smaller, yet significant, improvements in hardware efficiency, battery life, camera technology, and software features, which cumulatively enhance user experience and functionality.

Option (d): Incorrect. This criticism addresses an implicit flaw in the analyst's reasoning, suggesting an unrealistic expectation for technological advancements. However, it's slightly weaker than option (c) because it deals with an inference about the analyst's standards rather than directly confronting the factual basis of the claim about modern smartphones. This option challenges the definition of "significant" rather than the existence of improvements themselves.

128. **Answer: B**

Explanation: Option (a): Incorrect. This option overgeneralizes the effectiveness of protein supplements, assuming they are the best solution for everyone's protein needs. The passage does not claim that supplements are the most effective method for all; it simply notes their convenience and popularity.

Option (b): Correct. This option is directly supported by the passage, which emphasizes the importance of understanding both the positive and potential drawbacks of protein supplements. The passage suggests that with rising popularity, there is a corresponding need for awareness about how these products affect the body, implying that such knowledge is crucial for making informed choices.

Option (c): Incorrect. This option incorrectly assumes that all individuals benefit significantly from protein supplements. The passage does not make this claim; rather, it points to the need to understand the effects of these supplements, which could include both benefits and drawbacks, without stating that the impact is universally positive.

Option (d): Incorrect. This option suggests that the popularity of protein supplements is due solely to their health benefits. The passage indicates that these supplements are popular for their convenience and ease of use in addition to potential health benefits. It does not claim that health benefits are the sole reason for their popularity, highlighting instead the importance of understanding their overall effects.

129. **Answer: B**

Explanation: a) A security system is believed to be foolproof, yet reports indicate that sophisticated breaches still occur occasionally, comparable to other systems.

This option presents a scenario where a security system, despite being perceived as infallible, occasionally fails due to sophisticated breaches. The reasoning here involves the occasional failure of a system that is generally assumed to be secure. While this presents a challenge to the system's reliability, it does not fully mirror the situation in the passage where a widespread belief is corrected by new scientific evidence. The comparison is more about failure versus expectation, rather than correcting a misconception with evidence, as in the case of the microwave study. Hence, Option (a) is not the correct answer.

b) A medication is widely assumed to have no side effects, yet studies reveal rare adverse reactions, akin to other treatments in the same category.

This option parallels the reasoning in the passage closely. It describes a situation where a medication is commonly believed to be free of side effects, but new studies reveal that it does indeed have rare adverse reactions, much like other treatments. This mirrors the microwave scenario, where the belief that microwaves kill all bacteria is challenged by evidence showing that some microbes persist, similar to other kitchen appliances. Both cases involve a scientific

challenge to a widely held misconception, making this the most analogous scenario. Hence, Option (b) is the correct answer.

c) A fitness program is considered to guarantee weight loss, but evidence shows some individuals gain weight, much like with other similar regimens.

This option involves a fitness program that is expected to guarantee weight loss, but instead, some individuals gain weight. While this scenario presents a challenge to an expected outcome, it deals with individual variability rather than a widespread misconception being corrected by new evidence. The passage about microwaves discusses a general belief being overturned by scientific findings, not a personal result differing from an expected outcome. Therefore, this option does not align well with the reasoning in the passage. Hence, Option (c) is not the correct answer.

d) A financial strategy is expected to be entirely risk-free, but certain investments within the strategy experience minor losses, similar to other investment methods.

This option describes a financial strategy expected to be risk-free that nonetheless incurs minor losses, similar to other investment methods. While it involves a discrepancy between expectation and reality, the focus here is on the presence of risk where none was expected. This scenario does not fully capture the essence of the passage, which is about correcting a misconception through scientific evidence. The microwave study reveals that a common belief is flawed, not just that something occasionally goes wrong. Hence, Option (d) is not the correct answer.

130. **Answer: D**

Explanation: a) Person A believes that the benefits of public safety outweigh the potential risks to privacy.

This option accurately captures the essence of Person A's argument. Person A is advocating for the enactment of the Act primarily because of its potential to enhance public safety. The underlying assumption here is that Person A considers the benefits of deterring crime and aiding law enforcement as more significant than the potential risks to individual privacy. However, this option is not the most accurate because it doesn't address Person B's concerns, which are critical to the overall evaluation of the Act. Hence, Option (a) is not the correct answer.

b) Person B argues that the Act should be enacted only if strict safeguards are implemented to protect personal information.

This option suggests that Person B is open to the Act being enacted, provided that strict safeguards are in place. However, Person B's argument primarily focuses on expressing concern about the potential misuse of surveillance data and the lack of sufficient safeguards, rather than offering a conditional endorsement of the Act. Person B does not explicitly state that the Act should be enacted with safeguards, but rather implies that without these safeguards, the Act is problematic. Hence, Option (b) is not the correct answer.

c) Both Person A and Person B agree that the surveillance data should be used solely for law enforcement purposes.

This option incorrectly assumes a point of agreement between Person A and Person B that is not explicitly mentioned in the statements provided. While Person A supports the Act for its law enforcement benefits, and Person B raises concerns about privacy, there is no indication that either party specifically discusses or agrees on the exclusive use of surveillance data for law enforcement purposes. Therefore, this option misrepresents the positions of both individuals. Hence, Option (c) is not the correct answer.

d) Person B implies that without additional safeguards, the Act could undermine public trust in the government.

This option accurately reflects the underlying concern in Person B's argument. Person B's emphasis on the lack of sufficient safeguards and the potential misuse of surveillance data suggests an implicit worry that the Act, if passed in its current form, could lead to broader issues, such as a loss of public trust in the government. The mention of "no sufficient safeguards" implies that the unchecked implementation of the Act could have negative

consequences, including diminishing the public's trust in how their data is handled by the government. Hence, Option (d) is the correct answer.

131. **Answer: C**

Explanation: a) Person 1 believes that the initial reduction in agricultural productivity can be avoided if the regulations are implemented correctly.

Person 1 explicitly acknowledges that strict regulations on agricultural practices may lead to an initial reduction in agricultural productivity. This recognition suggests that Person 1 does not believe such a reduction can be completely avoided, but rather that it is a necessary trade-off for achieving long-term food security. The statement in the option incorrectly assumes that Person 1 believes proper implementation of regulations can avoid the initial productivity decline, which is contrary to what Person 1 actually implies. Hence, Option (a) is not the correct answer.

b) Person 2 is opposed to any form of regulation on agricultural practices.

Person 2 argues that strict regulations are not the most effective way to address climate change's impact on agriculture, advocating instead for investment in technological advancements and innovative farming techniques. However, this does not imply a blanket opposition to all forms of regulation. Person 2's argument is focused on the effectiveness and prioritization of solutions rather than an outright rejection of regulations. This option incorrectly interprets Person 2's stance as being completely against any regulatory measures. Hence, Option (b) is not the correct answer.

c) Person 1 and Person 2 disagree on the immediate necessity of addressing the impact of climate change on agriculture.

Person 1 advocates for the immediate imposition of strict regulations, reflecting a sense of urgency to address climate change's effects on agriculture through regulatory means. In contrast, Person 2 challenges this approach, suggesting that the focus should instead be on technological advancements and innovative practices, which implies a different perspective on how and when to tackle the issue. This fundamental difference in approach and timing illustrates their disagreement on the immediate necessity and method of addressing the problem. Hence, Option (c) is the correct answer.

d) Person 2 believes that technological advancements alone are sufficient to combat the challenges posed by climate change.

Person 2 emphasizes the importance of investing in technological advancements and innovative farming techniques as a more effective response to climate change than strict regulations. However, this does not necessarily imply that Person 2 believes technological advancements alone are sufficient to address all the challenges posed by climate change. The statement in the option exaggerates Person 2's position by implying exclusivity, which is not explicitly supported by their argument. Hence, Option (d) is not the correct answer.

132. **Answer: B**

Explanation: Option (a): Incorrect. This option suggests that the decision was based on comprehensive data covering different demographics, which is not the case. The manager only had conclusive data from urban areas and no reliable data from rural areas, thus not allowing for a truly comprehensive generalization.

Option (b): Correct. The marketing manager used positive feedback from urban areas to predict the success of the national campaign despite having no conclusive data from rural areas. This is a classic case of extrapolation from an incomplete dataset, assuming that the positive urban response will mirror the national response without direct evidence from all relevant regions.

Option (c): Incorrect. This option mischaracterizes the scenario by suggesting predictions were based on varied and multiple preceding tests. The decision was actually based on a single dimension of data (urban response) while lacking adequate data from another key demographic (rural areas), thus not fitting the description of using multiple test results.

Option (d): Incorrect. This option implies a detailed national analysis correlating specific advertising methods with consumer engagement, which overstates the actual scenario. The manager's analysis is limited and not nationally comprehensive, as data from rural areas was

missing. Therefore, this option inaccurately represents the scope and method of analysis performed by the manager.

133. **Answer:** B

Explanation: Option (A): This option is incorrect because focusing on the same subject matter or theme (the tribes) does not constitute copyright infringement. Copyright law does not protect the idea of documenting indigenous tribes but rather the specific expressive manner in which these ideas are presented.

Option (B): This option is correct because copyright protection extends to the particular manner in which ideas are expressed. If R's film has a narrative style and structure that are not just similar, but substantially similar to Q's original and unique expression, this could constitute an infringement, as it involves copying significant expressive elements that are protected.

Option (C): This option is incorrect because copyright infringement does not require copying footage directly. It can occur through copying other protected elements such as narrative style, structure, or significant mood, all of which are expressions protected by copyright.

Option (D): This option is incorrect because it suggests that none of the other options could potentially describe a scenario of infringement. Option (B) provides a valid instance where copyright infringement could reasonably be claimed.

134. **Answer:** A

Explanation: Option (a): According to Principle 2, negligence occurs when someone fails to take reasonable care to avoid causing injury or loss to another person. Anuja's neglect to clean up a spill in an area where visitors are expected (her front porch) directly results in the delivery person's injury. This situation clearly constitutes negligence because Anuja had a duty to maintain a safe environment on her property, which she breached.

Option (b): While Karan's decision not to use a leash might seem careless, the cyclist's decision to swerve is an immediate cause of the crash. The negligence claim against Karan is weaker because the link between his action (not leashing the dog) and the cyclist's injury involves the cyclist's independent decision to swerve.

Option (c): This option does not fit the negligence framework towards others since Priya's careless action only resulted in harm to herself. Negligence claims typically involve harm inflicted on others, not self-inflicted injuries.

Option (d): This option is incorrect as it dismisses the clear example of negligence described in option (a).

135. **Answer:** C

Explanation: Option (a): Releasing fumes that affect a neighbourhood fits the definition of public nuisance under Principle 3, as it interferes with the public's ability to enjoy their own properties due to the air pollution.

Option (b): Loud music played nightly affects the general public's peace and quiet, constituting a public nuisance because it disrupts the community's standard living conditions.

Option (c): The impact of Raj's floodlight, though annoying, is confined to his neighbour, making it a private nuisance. It does not affect the community at large, which is a necessary element of public nuisance.

Option (d): This option is incorrect as it incorrectly categorizes a private nuisance issue (option c) as a public nuisance.

136. **Answer:** D

Explanation: Option (a): A child causing property damage by throwing a ball through a window typically results in liability for the parents under tort law principles of supervision and control of minor children.

Option (b): Cutting down a tree that unintentionally damages another's property can be seen as negligent, especially if the person failed to ensure the tree would not cause harm when it fell.

Option (c): A construction company that fails to secure a site properly is directly responsible for any injuries that occur as a result, fitting within the negligence framework due to a breach of duty to maintain a safe environment.

Option (d): This option correctly states that all presented scenarios involve actions likely leading to civil liability due to negligence or other tortious behaviour.

137. **Answer:** A

Explanation: Option (a): The gym owner has a duty of care to maintain safe equipment. Failing to repair known broken equipment breaches this duty and directly causes harm to a gym member, fitting squarely within the negligence described in Principle 2.

Option (b): While jaywalking is generally negligent, the complexity of determining fault in traffic accidents involving jaywalkers might shift some or all liability away from the pedestrian, depending on local laws and circumstances.

Option (c): The teacher's supervision of the children, coupled with the accidental nature of the incident, typically does not constitute negligence unless there was a gross failure in duty of care, which is not indicated in the scenario.

Option (d): The driver adhering to traffic laws and encountering unforeseen icy conditions suggests that there is no negligence on their part. This scenario emphasizes the role of unforeseeable natural conditions rather than a breach of duty by the driver.

138. **Answer:** B

Explanation: Option (a): Correct because it aligns with the scenario setup that Class A consists of higher-salary professionals, thus typically involving more financially rewarding jobs.

Option (b): Incorrect because, according to the scenario, while Class B may be undervalued, they are described as crucial for daily operations and societal stability. This makes their role in societal functioning equally important, challenging the notion that they are less important than Class A.

Option (c): Correct as it reflects the economic disparity rooted in societal values that favor Class A over Class B, thereby causing a discrepancy in how each class is valued and compensated.

Option (d): Correct as it emphasizes the interdependence of both classes, acknowledging that despite economic and social disparities, both Class A and Class B are essential for a fully functional society.

139. **Answer:** D

Explanation: Option (a): Correct because it is plausible that Class B would develop strong internal community bonds as a mechanism to support each other against the biases and systemic disparities they face due to societal norms that favor Class A.

Option (b): Correct as this solidarity within Class B could lead to a decreased reliance on recognition from Class A, fostering a sense of independence and self-validation among Class B members.

Option (c): Correct, indicating a proactive measure by Class B to seek legislative changes that might bring about a fairer valuation and treatment of both classes, aiming to mitigate the institutional biases they face.

Option (d): Incorrect, as the scenario explicitly states that societal norms and policies favor Class A, which would naturally influence and potentially limit the professional opportunities available to Class B, contrary to the assertion made in this option.

140. **Answer:** C

Explanation: Option (a): Correct, reflecting the scenario's depiction of Class A as having a higher societal value, which likely translates into better career advancement opportunities due to perceived importance and contributions.

Option (b): Correct as it suggests an adaptive response by Class B to external barriers; promoting from within could be a strategy to recognize and reward merit where external opportunities are limited.

Option (c): Incorrect, as it contradicts the scenario's premise of systemic favoritism towards Class A. This favoritism would naturally skew career advancement opportunities away from being based solely on merit, especially for Class B.

Option (d): Correct, addressing the undervaluation of Class B's contributions compared to Class A, which is consistent with the broader societal undervaluation of their roles as described in the scenario.

141. **Answer: C**

Explanation: Option (a): Correct, as it aligns with the strategy that Class B might employ to overcome systemic biases and enhance their visibility and career progression.

Option (b): Correct, suggesting that Class A's pre-existing high societal value might make additional public validation less critical for their career advancement, which does not contradict the premise but provides a perspective on existing advantages.

Option (c): Incorrect because it contradicts the premise by asserting that public recognition is only beneficial for Class A, ignoring how such recognition can significantly impact Class B's career progression and potentially alter perceptions of their value. The statement undervalues the role that public recognition could play for Class B in overcoming societal biases and advancing professionally.

Option (d): Correct, as it highlights a potential positive outcome for Class B gaining public recognition, helping to reshape societal attitudes toward the value of their professions.

142. **Answer: B**

Explanation: Option (a): Incorrect because while A did initially consent to play the VR game, her consent was based on Z's description of the content as a serene nature simulation. The reality of the frightening content invalidates her initial consent, as it was obtained under a false pretense.

Option (b): Correct, A's consent was based on misleading information intentionally provided by Z. According to the principle, such consent obtained under misconception is not valid, and thus Z's actions can be seen as deceptive.

Option (c): Incorrect, the fact that A could have removed the VR headset at any time does not negate the initial deceit or the distress caused by the unexpected content. The key issue is the validity of the initial consent, which was compromised.

Option (d): Incorrect, as option (b) directly addresses the principle and provides the correct legal reasoning based on the facts presented.

143. **Answer: A**

Explanation: Option (a): Correct, M's deceit directly caused N to breach her contract with P by not performing as scheduled. This action fits the definition of tortious interference, where M's intentional misleading of N impacts P's contractual rights.

Option (b): Incorrect, while it might have been prudent for N to verify the cancellation, the principle focuses on M's actions, not N's due diligence.

Option (c): Incorrect, the seriousness of the harm (i.e., whether the cancellation of a single performance seriously harms P) is not relevant to determining M's liability for the deceit that led to the contract breach.

Option (d): Incorrect as option (a) accurately captures the legal fault based on the principle and facts.

144. **Answer: B**

Explanation: Option (a): Incorrect, the criminal element necessary for theft (mens rea, or criminal intent) is missing in this scenario. D did not have the intent to steal, as she believed the book was a gift.

Option (b): Correct, D's belief that the book was gifted to her, although mistaken, negates the intent to commit theft. This misunderstanding about the nature of the transaction removes the necessary criminal intent.

Option (c): While returning the book might resolve the dispute, this action does not pertain to the legality of D's initial act under the given principle.

Option (d): Incorrect, as option (b) effectively and correctly applies the principle to the circumstances.

145. **Answer: B**

Explanation: Option (a): Incorrect, as it ignores the principle that self-defense is judged based on the defendant's perception of the threat at the time. S's reaction was based on her reasonable belief that she was in danger, which justifies her actions under self-defense, despite J's true intentions being harmless.

Option (b): Correct, S's actions are protected under self-defense laws because she believed she was facing an imminent threat, making her response to hit J with her bag reasonable and proportionate to the perceived danger.

Option (c): Incorrect, suggesting that S should have waited for an explicit threat means expecting her to potentially expose herself to harm. Self-defense laws allow for preemptive action if the belief in danger is reasonable.

Option (d): Incorrect as it dismisses the validity of S's claim of self-defense which is supported by the principle and the given facts.

146. **Answer: A**

Explanation: Option (a): Correct, as T's decision to text while driving is a clear example of recklessness. Her actions directly resulted in the death of a pedestrian, fitting the definition of involuntary manslaughter. Engaging in texting while driving demonstrates a blatant disregard for the safety of others, which is reckoned as criminal negligence or recklessness.

Option (b): Incorrect, because involuntary manslaughter does not require an intent to kill; it instead focuses on the lack of intent coupled with a reckless act that results in death.

Option (c): Incorrect, the argument that many drivers text while driving does not provide a legal justification or diminish the recklessness of the act. The legality and the morality of an action are determined by the law and not by its commonality.

Option (d): Incorrect as option (a) accurately applies the principle to the facts, providing a clear and legally sound conclusion.

147. **Answer: A**

Explanation: A calf is the young of a cow, just as a foal is the young of a horse. Both pairs represent animals and their respective offspring.

148. **Answer: C**

Explanation: An elephant makes a trumpeting sound, just as a snake makes a hissing sound. Both pairs represent animals and their distinct sounds. The incorrect options introduce more variety in sound types, making the choice less obvious.

149. **Answer: B**

Explanation: Geology is the study of rocks and the Earth's physical structure. Similarly, Virology is the specific study of viruses and their properties. The correct answer is Virology because it directly relates to the study of viruses, akin to how Geology pertains to rocks. The other options are incorrect for the following reasons:

(a) Epidemiology is the study of how diseases spread and are controlled in populations, not specifically the study of viruses themselves.

(c) Oncology is the study of cancer and its treatments.

(d) Cardiology is the study of the heart and its functions.

150. **Answer: A**

Explanation: Arun and Priya are siblings, children of Mr. & Mrs. Gupta. Sneha and Rohan are siblings, children of Mr. & Mrs. Mehta. Arun is married to Sneha, and together, they have a daughter named Tara. Therefore, Arun is Tara's father.