

Prime Mock – 5 (AILET 2025): Answers and Explanations

1	c	2	d	3	b	4	a	5	c	6	c	7	c	8	c	9	a	10	b
11	a	12	b	13	a	14	c	15	c	16	a	17	d	18	c	19	c	20	b
21	a	22	a	23	a	24	c	25	b	26	b	27	c	28	c	29	c	30	b
31	b	32	c	33	d	34	c	35	c	36	b	37	b	38	b	39	b	40	b
41	b	42	c	43	b	44	b	45	b	46	a	47	b	48	b	49	a	50	b
51	d	52	b	53	a	54	b	55	b	56	c	57	c	58	c	59	a	60	d
61	b	62	b	63	d	64	b	65	d	66	c	67	b	68	d	69	a	70	d
71	b	72	b	73	b	74	d	75	b	76	d	77	c	78	b	79	a	80	b
81	b	82	c	83	d	84	c	85	a	86	c	87	b	88	c	89	a	90	b
91	b	92	c	93	c	94	b	95	d	96	b	97	c	98	b	99	a	100	b
101	b	102	b	103	a	104	c	105	c	106	a	107	c	108	c	109	c	110	b
111	b	112	d	113	d	114	d	115	b	116	b	117	d	118	c	119	d	120	a
121	a	122	a	123	b	124	d	125	b	126	d	127	c	128	a	129	d	130	b
131	a	132	c	133	d	134	b	135	a	136	c	137	d	138	a	139	b	140	b
141	c	142	d	143	c	144	a	145	d	146	d	147	b	148	a	149	c	150	c

Passage Explanation for questions 1 to 5:

Para-1 Explanation: This paragraph discusses the impact of social media on social skills and patience in the digital era. It highlights how the youth's preference for digital communication over face-to-face interactions is affecting their ability to engage in meaningful conversations and develop essential social skills. The convenience and instant feedback of social media are identified as factors leading to a decrease in patience and tolerance for delays in both digital and real-life situations. This shift towards preferring digital interactions is shown to have negative consequences on basic aspects of communication, such as making eye contact, which is crucial for effective interpersonal engagement.

Para-2 Explanation: The second paragraph delves into the addictive nature of social media and its implications on mental health and behavior. It mentions a report by the National Bureau of Economic Research, which suggests that a lack of self-control contributes to excessive use of social media, creating addiction-like dopamine loops. This addiction is compared to substance dependence, indicating the seriousness of social media dependency. Furthermore, the paragraph addresses how social media promotes unrealistic standards of perfection, leading to mental health issues such as anxiety, depression, and poor self-image. It also touches on the problem of cyberbullying, emphasizing the negative impact of social media on teenagers and the importance of taking collective action to address these issues.

1. c Question Explanation: The question asks about the specific impacts of the instant gratification social media provides on individuals. Instant gratification, in this context, refers to the quick rewards or positive feedback people receive from social media, which can influence their behavior and expectations in various aspects of their lives. The options given offer different potential impacts of this instant gratification.

Correct Option:

(c) Increasing restlessness and reducing the ability to tolerate delays. The correct option is supported by the information provided in Para-1, which discusses how the instant gratification afforded by social media fosters impatience and reduces attention spans. It mentions, "The average person's frustration threshold for digital and real-world delays highlights an alarming trend towards decreased tolerance for waiting." This directly correlates to increasing restlessness among individuals and a reduced ability to tolerate delays, making option (c) the most accurate answer.

2. d Correct answer:

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

The passage does not explicitly state that cyberbullying "seldom affects teenagers." In fact, it highlights the harmful impacts of

social media, including fostering environments where negative phenomena like cyberbullying can thrive, particularly impacting vulnerable demographics such as teenagers. This suggests that cyberbullying is a significant concern for teenagers, not a rare occurrence, making Statement 1 false.

Furthermore, the passage mentions the "darker facets of social media" and highlights the capacity of these platforms to "inflict harm, leveraging anonymity to amplify negative impacts on vulnerable demographics, particularly teenagers." This supports the idea that the anonymity provided by social media platforms can exacerbate the effects of cyberbullying, making Statement 2 true.

3. b Question Explanation: The question probes the reader's understanding of the passage's suggested strategies or responses to combat the negative impacts of social media on individuals and society. It specifically asks what the passage implies is a necessary action or approach to address these concerns effectively.

Correct Option:

(b) Encouraging collaborative efforts to address the issues.

The correct option is supported by the last sentence of Para-2, which emphasizes the growing need for "collective action to mitigate these adverse effects." This suggests a community or societal approach to dealing with the problems associated with social media use, rather than individual actions or policy-driven strategies alone.

4. a Question Explanation: The question is asking about the writer's perspective or attitude toward the phenomenon of "dopamine loops" as a result of engaging with social media. It aims to discern how the writer views the consequences of these feedback loops that are designed to keep users coming back to the platforms, thereby fostering potential addiction.

Correct Option:

(a) Critical about their continuous habit-forming nature

The correct answer is found in Para-2, which discusses the "engineered addictiveness" of social media and mentions that "The resultant 'dopamine loops' bear a stark resemblance to substance addiction, underscoring the platform's potential for dependency." This indicates the writer's critical stance on how social media's design can foster habit formation in a way that is comparable to addiction, highlighting concerns over its potential to lead to dependency.

5. c Question Explanation: The question seeks to identify the most significant negative outcome of youth's preference for digital communication methods (such as texting, social media, and video

chatting) over traditional, in-person interactions. It is looking for the primary adverse effect this shift has on young individuals' personal and interpersonal development, as outlined in the passage.

Correct Option

- (c) Reduction in their social proficiency and ability to partake in significant face-to-face dialogue.

The correct option is supported by sentences in Para-1, stating "This shift not only diminishes their ability to engage in meaningful conversations but also erodes social skills critical for personal and professional growth." It directly addresses the question's focus on the primary consequence of favoring digital communications over face-to-face interactions. The passage explicitly links the prevalence of digital communication to a decrease in the capacity for meaningful, in-person dialogue and the erosion of essential social skills.

Passage Explanation for questions 6 to 12:

Para-1. The author shares a personal shift from valuing productivity for its own sake to prioritizing intentional, impactful work. This transformation is driven by a desire to create meaningful change rather than just completing tasks. The author emphasizes that this approach has not only reignited their passion but also enhanced the significance and effectiveness of their projects. This introduction sets the stage for understanding the author's evolved perspective on productivity, which now focuses on purpose and impact rather than mere efficiency.

Para-2. Here, the author outlines their methodical strategy for staying focused on long-term goals amidst daily distractions. This involves setting and regularly reviewing targets at different intervals (yearly, monthly, weekly, and daily). This structured approach helps the author maintain direction and use regular assessments to adapt and grow. The paragraph emphasizes the importance of strategic planning in achieving meaningful progress and staying aligned with overarching objectives.

Para-3. The role of accountability in maintaining progress and commitment to goals is discussed. The author mentions relying on a support network, including friends, a coach, and a team, to remain motivated and learn from challenges. Additionally, focus sessions, especially during periods of resistance, are highlighted as effective tools for advancing through difficulties. This approach allows the author to tackle uncertainty and stay engaged with their work, demonstrating the value of community and structured support in overcoming obstacles.

Para-4. Daily practices, including planning, focus sessions, and self-care, are integral to the author's routine, ensuring each day aligns with their broader mission. The author approaches obstacles not as barriers but as opportunities for growth, engaging with them to gain insights. This mindset of continuous learning and adaptation is portrayed as key to personal and professional development. The concluding paragraph reinforces the theme that true productivity is not about task completion but about fostering meaningful impact and growth through deliberate actions and reflections.

- 6 c Question Explanation: The question asks how the author's practice of continuous learning helps in transforming every obstacle they encounter into a lesson. This is directly related to the author's mindset and approach towards challenges and learning from them, as described in the text.

Correct Option:

- (c) By utilizing each challenge as an opportunity for growth. In Para-4, the author mentions, "Embracing continuous learning, every obstacle becomes a lesson, every review a chance to refine my approach." This sentence highlights that by adopting a mindset of continuous learning, the author views each challenge not as a setback but as an opportunity to learn, grow, and refine their approach. It is this perspective that transforms obstacles into lessons, indicating that the correct answer is (c).

- 7 c Question Explanation: The question probes why the author no longer pursues productivity merely for the sake of checking off tasks or achieving superficial accomplishments. It delves into the deeper motivation behind the author's shift in approach towards work and productivity, focusing on the underlying reasons for this change. The statement indicates a transition from valuing productivity as an end in itself to seeking more meaningful, impactful outcomes through their work.

Correct Option
(c) has redirected efforts towards impactful changes in the projects. This option is correct because, as described in the first paragraph, the author has moved away from valuing productivity for its own sake. Instead, they emphasize creating meaningful change through their work, which aligns with their focus on intentionality and impact. The author's shift towards purpose-driven action is mentioned as not only fueling their passion but also making their efforts more impactful, indicating a deliberate redirection of efforts towards projects with meaningful outcomes.

8. c **Question Explanation:** The question asks the reader to determine the nature of the "resistance" the author of the provided text encounters during their work process. Specifically, it seeks to understand how the author perceives and prepares for this resistance based on the descriptions provided in the passage.

Correct Option

(c) It is a recurring challenge that the author anticipates and plans for. The correct inference about the nature of the resistance the author faces can be drawn from the phrase "When resistance rears its head, as it often does" in the third paragraph. This suggests that resistance is a common and expected part of the author's process. The author has strategies in place, such as leaning into focus sessions, to deal with this resistance effectively. Therefore, it is clear that the resistance is not a rare or unexpected challenge but rather a recurring one that the author is prepared to confront.

9. a **Question Explanation:** The question pertains to the interpretation of the term "Empty productivity" as used in the passage. The phrase suggests a form of productivity that lacks depth or significance, underscoring a shift from merely completing tasks to pursuing actions that carry meaningful impact.

Correct Option:

(a) Productivity that focuses on completing tasks without considering their value

The phrase "Empty productivity" is understood in the context of the passage's overall theme, which contrasts meaningless task completion with purposeful, impactful work. The author describes moving away from "the cult of productivity for productivity's sake" and towards "creating meaningful change through my various projects." This indicates a transition from doing tasks just for the sake of doing them (a Productivity that focuses on completing tasks without considering their value) to engaging in work that is intentional and aligned with long-term goals. The use of the term "Empty productivity" in this context clearly refers to the act of completing tasks without assessing their importance or impact, as highlighted in Para-1.

10. b **Question Explanation:** The question asks about the inferred role of the author's trusted circle in their process of maintaining focus, accountability, and growth in their work. The query seeks to understand how this group contributes to the author's journey away from superficial productivity towards purpose-driven action and continuous learning.

Correct Option:

(b) They provide a source of motivation and learning for the author. This option is inferred from Paragraph 3, where the author mentions, "Sharing my goals with a trusted circle—be it friends, a coach, or my team—helps me stay committed and open to the lessons that arise from each challenge." This sentence highlights the trusted circle's role in providing motivation (helping the author stay committed) and facilitating learning (being open to lessons from challenges).

11. a **Question Explanation:** The question asks for the meaning of the phrase "shying away" as used in the context of the passage. This phrase typically means to avoid or retreat from something, especially due to fear or reluctance. The passage discusses overcoming obstacles and engaging with challenges as part of a broader mission of personal growth and impactful work, suggesting that "shying away" would refer to the opposite of confronting and engaging with difficulties directly.

Correct Option

(a) Avoiding confrontation with difficulties.

This option is correct because, in the context of the passage particularly mentioned in the fourth paragraph, "shying away" refers to the author's approach of not avoiding challenges but instead facing them head-on. The passage emphasizes engaging with blockers and seeking growth and understanding from hurdles, which directly contradicts the notion of avoiding confrontation with difficulties.

12. b Question Explanation: The question seeks to understand the author's perspective and approach towards their work and life, based on their reflections and actions described in the fourth paragraph of the passage. It explores how the author perceives and reacts to challenges, their commitment to self-improvement, and the role of planning and self-care in their daily routine.

Correct Option

(b) The author believes that daily planning and self-care are crucial daily practices.

The fourth paragraph directly mentions the author's practice of allocating time for "planning, focus sessions, and self-care," underscoring the importance of these activities in contributing to their broader mission. This indicates the author's belief in the significance of structured daily routines that include planning for work and personal care, affirming the correct option (b). The emphasis on engaging with challenges and viewing obstacles as lessons further supports the author's holistic approach to personal and professional development, but the core of the correct answer lies in the specific mention of daily practices that are deemed crucial.

Passage Explanation for questions 13 to 22:

Para-1 Explanation: Jensen Huang from Nvidia and UAE's AI minister, Omar Al-Olama, discussed the future of education in an AI-driven world, suggesting a shift away from a sole focus on computer science towards leveraging AI for broader purposes. Huang's view challenges the traditional emphasis on technical skills, advocating for a future where generative AI democratizes computing. This approach aims to reduce the gap between humans and machines, making technology more accessible to a wider audience, and altering the way we interact with digital tools.

Para-2 Explanation: The passage reflects on how the field of technology development, historically dominated by a specific demographic (young, Caucasian males in the US West Coast), is becoming more inclusive, thanks to AI's ability to understand and produce human language. This shift is seen as enabling innovation and creativity across a broader spectrum of society. High-profile leaders like Bill Gates and Satya Nadella from Microsoft view AI as a transformative user interface, moving beyond traditional interaction models to one based on natural human communication.

Para-3 Explanation: As AI continues to evolve, there's a growing appreciation for soft skills such as empathy, creativity, and interpersonal communication over hard technical skills. This change is driven by AI taking over tasks that require technical expertise, thus elevating the importance of human-centric skills. This perspective is supported by research and comments from influential figures like Bill Gates, suggesting a fundamental shift in what skills are considered valuable in the professional world.

Para-4 Explanation: The development and integration of AI into various aspects of life call for a significant transformation in education, particularly a shift towards humanities (language, logic, philosophy). This shift recognizes the importance of understanding human nature and fostering creativity as we create and use advanced technologies. The passage argues that in the age of digital advancement, a deep understanding of humanistic studies is essential to fully leverage technological tools.

Para-5 Explanation: This section posits that AI's greatest impact might be in highlighting the unique aspects of human intelligence, such as insight, empathy, and creativity, rather than its capabilities to replicate or exceed human tasks. By working with AI, humans can better appreciate and understand the irreplaceable value of their own skills and abilities. Minouche Shafik's reflection suggests that the coexistence with AI not only enhances our use of technology but also deepens our understanding of what it means to be human.

13. a Question Explanation: The question asks the reader to determine the most appropriate context or publication type for the passage based on its content, style, and the topics it discusses. It requires

analyzing the passage's focus on societal impacts, its approach to discussing technology and AI, and the audience it seems to be addressing. The passage's narrative style, the breadth of its discussion on the implications of AI in society, education, and the workforce, and its speculative tone about the future roles of humans and machines in a technologically advanced society are key factors in deciding its best fit among the provided options.

Correct Option

(a) Blog post on societal impacts of tech advances

The passage takes a broad, speculative, and insightful approach to discussing the implications of AI and technology on society, education, and human skills. It refers to conversations and viewpoints from leaders in the technology industry like Nvidia's Jensen Huang, Bill Gates, and Satya Nadella, and academics like Minouche Shafik, to support its arguments. The style is accessible and designed to engage a general audience interested in the societal impacts of technological advances, which is characteristic of thoughtful blog posts aimed at a wide readership. Specifically, the mention of a "crucial shift in our interaction with technology" and the focus on the "democratization of computing through generative AI" in Para-1, along with the broad societal implications discussed throughout, are typical of content found in in-depth blog posts.

14 c

Question Explanation The question asks the reader to identify the main goal or intent of the author in the given passage. This involves discerning the overarching message or argument the author is trying to convey about the impact of AI on future skills and education. The correct option should encapsulate the essence of the passage, reflecting the author's argument or stance on how we should adapt to the challenges and opportunities presented by AI.

Correct Option:

(c) to argue for a reassessment of the skills needed in the future shaped by AI

The correct option is supported by several key points throughout the passage. The dialogue with Nvidia's Jensen Huang and the UAE's AI minister, mentioned in the first paragraph, introduces the idea of reconsidering our approach to education in light of AI advancements. This is further elaborated in paragraphs three and four, where the shift from a focus on technical skills to "soft skills" like empathy, creativity, and human-centric abilities is discussed. The mention of the "timeless virtues of humanities education" in paragraph four reinforces the idea that the author is advocating for a reassessment of what skills will be valuable and necessary in an AI-infused future.

15 c

Question Explanation The question focuses on understanding the role and importance of humanistic studies (such as language, logic, and philosophy) in the context of the evolving landscape of education, particularly in light of advancements in artificial intelligence (AI). It probes into how the passage articulates the changing dynamics between technological and humanistic knowledge, emphasizing the rationale behind the reinvigorated emphasis on humanities in the digital age.

Correct Option:

(c) Enhanced significance of humanities in understanding technology

The correct option is supported by the discussion in Para-4, which states, "As we transition from a STEM-centric curriculum, the timeless virtues of humanities education—language, logic, and philosophy—gain newfound prominence." This indicates a significant shift in educational values, recognizing that in the era of advanced technology, a deep understanding of human nature and creativity—areas explored through humanistic studies—is increasingly crucial. The "renaissance of humanistic study" implies a rebirth or renewed focus on humanities, suggesting that these areas are not outdated or irrelevant but are instead becoming more critical for navigating and leveraging technological advancements effectively.

Wrong Options

(a) A return to traditional education methods devoid of technology

This option is incorrect because the passage does not suggest abandoning technology or reverting solely to traditional methods. Instead, it argues for a balanced integration of humanities with technological education, underscoring their mutual importance.

(b) The growing irrelevance of STEM subjects in the age of AI.
This option misinterprets the passage. While the passage suggests a shift in focus towards humanistic studies, it does not claim that STEM subjects are becoming irrelevant. Instead, it argues for a broader educational approach that includes both STEM and humanities to prepare individuals for the future.

(d) The dismissal of digital tools in educational settings.
This option is incorrect as the passage does not advocate for dismissing digital tools in education. On the contrary, it recognizes the importance of technology and AI in shaping future learning and professional landscapes. The call for a "renaissance of humanistic study" complements rather than excludes the role of digital tools, aiming for a holistic approach to education that encompasses both technological and humanistic knowledge.

16. a Question Explanation: The question is asking the reader to interpret the author's concluding statement in the context of the broader narrative presented in the passage. Specifically, it seeks an understanding of how the development and integration of Artificial Intelligence (AI) into everyday life lead to a deeper appreciation and understanding of the unique qualities that define human intelligence and creativity, as opposed to machine intelligence.

Correct Option:

- (a) Because AI's limitations underscore the irreplaceable value of human qualities.

The statement, "In learning to live alongside AI, we are rediscovering what it means to be fundamentally human," encapsulates the idea that as we integrate AI into our lives and realize its capabilities and limitations, we begin to better appreciate the unique aspects of human intelligence and creativity that machines cannot replicate. This theme is woven throughout the passage, particularly in the final paragraph (Para-5), where it mentions, "AI's most significant legacy may lie in its capacity to underscore the limitations of machine intelligence, thereby magnifying the unique value of human insight, empathy, and inventiveness." The author implies that AI, through its evolution and integration into society, serves as a mirror reflecting our own irreplaceable abilities and qualities—emphasizing not what AI can do, but what it reveals about the human condition and our distinct capabilities.

17. d Question Explanation: The question asks for a sentence that can effectively replace "The ramifications for our educational system are profound" from paragraph 4 of the provided passage. This sentence implies that the impact or consequences of the evolving role of AI and changing skill demands on our education system are significant and far-reaching. The correct option should convey the idea of substantial or meaningful impact on the educational system due to these shifts, without implying stagnation, minimal impact, or focusing on problems caused by the system itself.

Correct Option:

- (d) "There are substantial consequences for our educational system." This option correctly captures the essence of the original sentence by emphasizing that the impact on the educational system is not only significant but carries considerable weight or consequences because of the ongoing changes in the importance of different types of skills and the way we understand intelligence and learning in the context of AI. The reference to "profound ramifications" in the original passage (paragraph 4) suggests deep and significant effects on how education should adapt, which aligns with the notion of "substantial consequences."

18. c Question Explanation: The question refers to the concept of "narrowing the human-machine divide" as discussed in the initial paragraph of the provided passage. This phrase points towards how advancements in generative AI technology are making technology more accessible and intuitive for everyone, thus reducing the gap between human natural abilities and what machines can do. It signifies a shift in how humans interact with technology, emphasizing that as machines become more capable of understanding and responding to human language and creative tasks, the distinction between human capabilities and machine

functionality becomes less prominent
Correct Option:
(c) Distinction between human capabilities and machines functionality is lessening
The correct option can be inferred from the entire passage especially highlighted by the first paragraph's discussion on the democratization of computing through generative AI. This democratization is effectively making it easier for people without specialized technical skills to leverage technology, implying that the functions machines perform are becoming more aligned with human capabilities. The passage underscores a shift where technology, particularly AI, is designed to understand and interact in human-like ways, thus bridging the gap between what humans can do and what machines are programmed to do.

19. c Question Explanation: The question asks to identify the figure of speech used in the specific line from the passage provided. Figures of speech are literary devices used to create more interesting and evocative expressions. They often involve making some sort of comparison or exaggeration that is not meant to be taken literally but helps to convey a more vivid or powerful meaning. The line in question is "AI evolves to comprehend and communicate in human languages," which attributes human capabilities—specifically, the abilities to "comprehend" and "communicate" in human languages—to artificial intelligence, an inanimate concept.

Correct Option

(c) Personification: Personification is the attribution of human traits, emotions, or intentions to non-human entities. It is not merely a decorative device but serves to make these non-human entities more relatable to the reader by endowing them with human-like qualities. The sentence from Para-2 of the passage, "AI evolves to comprehend and communicate in human languages," employs personification by suggesting that AI, a non-human entity, has the ability to evolve, comprehend, and communicate just as humans do. This choice of words brings AI closer to the realm of human experience, making it easier for readers to grasp the nature of AI advancements.

20. b Question Explanation: The question asks to infer the meaning behind the statement "AI is the next great user interface" as presented in the passage. It requires understanding how the evolution of AI, particularly generative AI, is expected to change the way humans interact with technology, emphasizing a shift towards more natural, intuitive forms of communication that don't necessarily require specialized technical skills.

Correct Option:

(b) Primary interaction with AI will shift towards more natural communication.

This option is inferred from the discussion in Para-2, where the evolution of AI is said to comprehend and communicate in human languages, suggesting a shift from traditional graphical or app-driven interfaces to ones that are more grounded in natural human speech and interaction. This idea is further supported by the references to Bill Gates and Satya Nadella of Microsoft, who view AI as revolutionizing user interfaces to be more aligned with the full richness of human speech, indicating a move towards interactions that mimic natural human communication.

21. a Question Explanation: The question asks which scenario would most directly challenge or undermine the statement made by Bill Gates regarding the increased value of the human touch in the era of advancing AI. Gates' remark suggests that as AI technology progresses, the qualities uniquely human—such as empathy, creativity, and the ability to connect with others—become more crucial and valued. Therefore, the question seeks an option that presents a situation where AI advancements potentially negate the need for or surpass the value of these human qualities.

Correct Option:

(a) AI systems have been developed that replicate human empathy making human input in these areas redundant.

This option directly counters Gates' assertion by presenting a scenario where AI's capabilities extend into areas traditionally believed to be uniquely human, such as empathy. If AI can effectively

replicate human empathy, a core aspect of the "human touch" Gates refers to, it would suggest that technological advancements could make human contributions less necessary or valuable in this context. This scenario is specifically relevant to Gates' remark because it challenges the notion of increased value in human qualities in the face of AI progress.

22. a Question Explanation: The question asks the reader to identify which statement among the given options does not accurately reflect the discussion about "human capital" in the passage. "Human capital" refers to the attributes, knowledge, skills, and abilities that individuals bring to their work environments, which are valuable and contribute to economic productivity. The passage outlines a shift in the valuation of different types of human capital due to the integration of AI in various sectors.

Correct Option:

- (a) Technical skills such as software engineering will become obsolete in the AI era.

Option (a) is incorrect because the passage does not claim that technical skills like software engineering will become obsolete. Instead, it suggests a shift in the skills that are considered valuable, with an emphasis on "soft skills" like empathy, creativity, and the ability to connect with others. This can be inferred from Para-3, which discusses the evolving landscape of professional competency and emphasizes the increasing value of human-centric abilities. While the passage predicts a diminishing reliance on the technical skills that dominate software engineering today, it does not state that these skills will become obsolete.

Passage Explanation for questions 23 to 32:

Para-1 Explanation: This paragraph introduces the concept of overestimation of personal abilities through two studies. The first study shows a large majority of Americans believe they possess above-average driving skills, a statistical improbability, highlighting a common human tendency to overrate personal capabilities. The second study contrasts professional comedians with Cornell undergraduates in evaluating humor, finding that even the students, with less expertise, rated themselves highly in recognizing what's funny. These examples serve to demonstrate widespread self-assessment inaccuracies among people.

Para-2 Explanation: Here, the discussion centers on the Dunning-Kruger effect, a cognitive bias named after social psychologists David Dunning and Justin Kruger. This effect describes how individuals with limited knowledge or skills in a certain area tend to overestimate their competence. The paragraph references the joke-ranking study among others to underline the foundational evidence of this phenomenon, showing that people lacking in competence are often unaware of their lack.

Para-3 Explanation: This paragraph delves into the nature of incompetence as explained by David Dunning. According to him, the skills required to produce correct answers or judgments are the same as those needed to recognize correct answers, implying that incompetence inherently limits one's ability to assess one's own competence accurately. The passage emphasizes the universal challenge of recognizing our own limitations in knowledge or skill, highlighting a fundamental human difficulty in self-assessment.

Para-4 Explanation: The final paragraph connects the Dunning-Kruger effect to a broader philosophical and cultural context, invoking Donald Rumsfeld's concept of "unknown unknowns" as a parallel to recognizing our cognitive limitations. It suggests that acknowledging and confronting our own incompetence, as illustrated by various figures across different fields, can lead to self-improvement. The passage encourages regular, honest evaluation as a means to overcome the biases and limitations identified by the Dunning-Kruger effect.

23. a Question Explanation: The question asks to identify the tone of the passage. Tone refers to the author's attitude towards the subject matter or the audience, conveyed through the choice of words and the style of expression. The options provided are Informative, Neutral, Persuasive, and Sarcastic, each representing a distinct manner in which the author could be presenting their message. Identifying the tone involves analyzing the language, examples, and overall approach used in the passage to convey its themes and findings, particularly focusing on how the author addresses

the concept of the Dunning-Kruger effect and its implications
Correct Option:

(a) Informative The correct option is chosen based on the educational and explanatory nature of the passage. The author systematically introduces and explains the Dunning-Kruger effect, using specific studies and quotes to illustrate how this psychological phenomenon manifests in various scenarios. References to the studies conducted by Dunning and Kruger, the explanation provided by Dunning, and the mention of Donald Rumsfeld's remark all serve to educate the reader on the concept of cognitive biases and the importance of self-awareness. The tone is aimed at informing the reader, with sentences throughout all paragraphs providing detailed information and insights into human psychology without attempting to persuade, maintain neutrality, or employ sarcasm.

24. c Question Explanation: This question asks the reader to identify a direct cause-and-effect relationship that is outlined in the passage. A cause-and-effect relationship is where one event (the cause) leads to the outcome of another event (the effect). In the context of the passage, the relationship should pertain to a concept or phenomenon discussed that has a clear beginning point (cause) and results in a specific consequence (effect).

Correct Option:

(c) Cause, Objective self-assessment, Effect: Overcoming the Dunning-Kruger effect

The correct answer is found primarily in Para-4, where it discusses the potential for individuals to "break free" from the limitations of the Dunning-Kruger effect through "subjecting ourselves to bracing objective assessment." This implies that engaging in honest and rigorous evaluation of one's own abilities can lead to a mitigation or overcoming of the cognitive bias known as the Dunning-Kruger effect, where individuals are unable to accurately assess their competence or incompetence in various areas.

25. b Question Explanation: This question tests understanding of a key aspect of the Dunning-Kruger effect as discussed in the passage. The effect is a cognitive bias where people with limited skills or knowledge in a particular area overestimate their own abilities. The question asks to fill in the blank with the option that best describes what these individuals are often unaware of, according to Dunning and Kruger's findings.

Correct Option:

(b) deficiencies The correct answer is supported by the content in Para-2 and Para-3, where it's highlighted that people affected by the Dunning-Kruger effect do not realize how incompetent they are ("the incompetent don't know how incompetent they are"). This lack of realization directly points to their unawareness of their "deficiencies" in skills or knowledge. This interpretation aligns with the essence of Dunning's interview mentioned in Para-3, emphasizing the gap in recognizing one's own lack of competence or knowledge.

26. b Question Explanation: The question asks which statement, if true, would most challenge the idea that just being self-aware is enough for a person to evaluate their own abilities accurately. It implies that self-awareness might not be the only requirement for such an evaluation.

Correct Option:

(b) Regular feedback from peers can significantly improve a person's self-assessment accuracy.

This option suggests that external input, in the form of feedback from others, is crucial for accurate self-evaluation. It directly undermines the argument by indicating that self-awareness alone might not be sufficient and that other people's perspectives are necessary to achieve a more accurate self-assessment.

27. c Question Explanation: The question asks for the purpose behind the use of the term "incompetent" within the given passage. It seeks to understand how the word is employed to convey a specific aspect of the Dunning-Kruger effect, a psychological phenomenon where individuals with limited knowledge or skill in a particular area overestimate their own abilities. The options suggest various interpretations, ranging from emphasizing the gap in

self-awareness to promoting a broader cultural or educational message.

Correct Option:

(c) To emphasize the lack of self-awareness in skill assessment
The correct interpretation of the word "incompetent" in the context of this passage is to underscore the phenomenon where individuals fail to accurately assess their own skills or knowledge due to a lack of self-awareness, directly related to the Dunning-Kruger effect. This is clearly outlined in Para-2 and Para-3, where the studies and insights provided by David Dunning and Errol Morris illustrate how individuals with limited competence are not only unable to perform certain tasks effectively but also lack the capability to recognize the inadequacy of their own skills. The term is crucial for explaining why this cognitive bias occurs: without the necessary skills, people cannot accurately judge their level of competence.

28. c Question Explanation: The question asks to identify which statement the author of the passage would most likely agree with, based on the information and themes discussed throughout the text. It requires an understanding of the key points made about human nature, specifically related to self-assessment of abilities and the Dunning-Kruger effect.

Correct Option:

(c) People are not inherently good at recognizing what they don't know. This option is supported by the overall discussion in the passage, especially highlighted in Para-3, where it is stated that "even if you are just the most honest, impartial person that you could be, you would still have a problem – namely, when your knowledge or expertise is imperfect, you really don't know it. Left to your own devices, you just don't know it. We're not very good at knowing what we don't know." This encapsulates the core issue of the Dunning-Kruger effect, where individuals' lack of knowledge or expertise in an area prevents them from accurately assessing their own abilities in that area.

29. c Question Explanation: The question asks for a substitution for the phrase "unknown unknowns" in the sentence, such that the meaning of the original sentence remains unchanged. In the context of the passage, "unknown unknowns" refer to deficiencies or gaps in our knowledge that we are not only unaware of but also do not have the capacity to realize on our own. These are things we don't know that we don't know. The term highlights a profound level of ignorance where the lack of knowledge is so complete that we cannot even question it because we are oblivious to its existence.

Correct Option:

(c) Inconceivable variables: "Inconceivable variables" captures the essence of "unknown unknowns" effectively because it implies elements or factors that are beyond our comprehension or imagination – things we cannot conceive of because we are not aware they exist. This aligns closely with the idea of "unknown unknowns," which are aspects or conditions we do not know about and do not realize we do not know about. This connection to the original phrase is why option c does not change the meaning of the sentence, as it maintains the emphasis on the limitations of our knowledge and awareness, consistent with the discussion in Para-4.

30. b Question Explanation: The question asks about what the passage implies regarding how people can recognize competence, either in themselves or in others, based on what David Dunning said in his interview. It's looking for an understanding of what it takes to accurately judge skill levels and whether specific conditions or skills are necessary to make such assessments.

Correct Option:

(b) It requires the same skills that are necessary to produce a correct answer

In the passage, specifically in paragraph 3, Dunning is quoted saying, "When you're incompetent, the skills you need to produce a right answer are exactly the skills you need to recognize what a right answer is." This sentence directly supports option b, indicating that the ability to recognize when something is done correctly or competently requires the same set of skills needed to produce a correct or competent outcome oneself. It implies that recognizing

competence is not a separate skill but is inherently tied to one's own competence in that area.

- 31 b Question Explanation: The question asks the reader to deduce why the author included a reference to T. S. Eliot in the concluding sentence of the passage. The reference is made in the context of discussing the Dunning-Kruger effect and the challenge of recognizing our own cognitive biases and limitations. The aim is to understand the broader implication or significance of invoking Eliot's words about the "endless struggle to think well of ourselves".

Correct Option
(b) To emphasize the universal struggle with self-perception and the importance of humility

This option is supported by the final paragraph's discussion about the Dunning-Kruger effect and how it affects everyone to some degree. The mention of T. S. Eliot's observation about the struggle to think well of ourselves ties into the broader theme of the passage: the human difficulty in accurately assessing our own knowledge, skills, and abilities. The passage, through the Dunning-Kruger effect, highlights how people overestimate their competencies and the challenge in recognizing our own limitations. Eliot's reference serves to underscore this as a pervasive human struggle, emphasizing the need for humility and the value of seeking objective assessments to gain a clearer view of our own abilities.

- 32 c Question Explanation: The question asks the reader to deduce the likely background of the author based on the content and focus of the passage. It requires an analysis of the themes, the studies mentioned, and the overall subject matter to infer the most probable professional or academic background of the writer.

Correct Option
(c) A social science researcher with focus on self-assessment
The passage discusses the Dunning-Kruger effect, a psychological phenomenon where people overestimate their abilities in various areas, including driving skills and sense of humor. The text references a specific study conducted by social psychologists David Dunning and Justin Kruger, focusing on self-assessment accuracy in relation to one's abilities. Given the emphasis on cognitive biases, self-assessment, and the interpretation of psychological studies, it's most plausible that the author has a background closely aligned with social science research, particularly in areas that explore human self-perception and cognitive biases. This background is supported by the detailed discussion of the Dunning-Kruger effect, referencing academic research and interviews with researchers, which suggests a deep engagement with and understanding of social science methodologies and theories.

Passage Explanation for questions 33 to 39:

This passage describes a webinar held at VIT Chennai, where experts in electrical and mechanical engineering analyzed the challenges facing India's emerging electric vehicle (EV) ecosystem. It identifies major obstacles such as the high cost of EV batteries, which significantly increase the vehicle's price, and range anxiety due to insufficient charging infrastructure, as key factors hindering EV adoption in the country. Additionally, it underscores the importance of indigenous innovation in energy-efficient components and testing facilities as crucial for overcoming these barriers. The discussion concludes on a hopeful note, suggesting that a collaborative effort between academia and the industry could lead to a sustainable future where electric mobility flourishes alongside conventional vehicles, thereby meeting economic and environmental goals.

33. d Question Explanation:

The question asks for R. Ramanathan Srinivasan's perspective on how to overcome the barriers to electric vehicle (EV) adoption in India, as discussed in the webinar at VIT Chennai. It requires identifying his specific recommendation from the provided options.

Correct Option
(d) He stresses the need for domestic advancements in making EV components, creation of evaluation centers

R. Ramanathan Srinivasan's viewpoint, as highlighted in the passage, focuses on the "critical need for indigenous innovation in energy-efficient components and testing facilities" to tackle the

challenges impeding EV adoption. This statement directly supports option d, which talks about the necessity for domestic advancements in the manufacturing of EV components and the establishment of evaluation centers. The sentence "R. Ramanathan Srinivasan, an industry vanguard, highlighted the critical need for indigenous innovation in energy-efficient components and testing facilities to surmount these challenges" from the paragraph provides the basis for selecting this option as the correct answer.

- 34 c Question Explanation: This question asks for an understanding of how academia and industry are working together or apart in the context of advancing electric mobility in India, as described in the provided passage. It seeks to determine the nature of their relationship (whether collaborative, competitive, independent, or observational) and their impact on the electric vehicle (EV) ecosystem within the country.

Correct Option:

- (c) Joint force leading the way forward

The passage specifically mentions the "synergy between academia and industry" as a significant factor at this crossroads for India, portraying them as a unified entity that promises a future where electric mobility could thrive. The use of the word "synergy" implies a collaborative and cooperative relationship, where both sectors are working together towards the common goal of advancing electric mobility. This concept directly supports option c, which describes them as a "Joint force leading the way forward," suggesting a partnership that is actively contributing to progress in the electric mobility sector.

35. c Question Explanation: The question explores how the author interprets India's strategy towards incorporating electric vehicles (EVs) within the broader automotive industry. It delves into whether the author views this integration as a complete overhaul, a focused effort sidelining traditional vehicles, a balanced coexistence, or a marginal inclusion.

Correct Option:

- (c) As a balanced integration where EVs coexist alongside existing models

The correct interpretation of the author's viewpoint is found in the passage's mention of a future where "electric mobility could thrive alongside traditional internal combustion and hybrid models." This statement suggests a harmonious integration of electric vehicles with existing automotive technologies, implying a strategy that does not exclude traditional models but rather incorporates EVs into the wider spectrum of vehicle options.

- 36 b Question Explanation: The question revolves around understanding the contextual meaning of the word "stymie" as used in the passage discussing the challenges faced by the electric vehicle (EV) ecosystem in India. The word "stymie" typically means to prevent or hinder progress. The passage describes various barriers to EV adoption in India, such as high costs, range anxiety, and inadequate charging infrastructure. By asking what "stymie" conveys, the question tests the reader's comprehension of how these challenges affect the adoption of electric vehicles.

Correct Option:

- (b) Creating significant impediments to the widespread adoption of EVs. The correct option is chosen based on the sentence from the passage that states, "The lack of a robust charging infrastructure further stymies EV adoption," which clearly indicates that the challenges mentioned are acting as significant obstacles to the adoption of electric vehicles in India. The use of "stymie" here explicitly points to the negative impact these barriers have on the willingness or ability of consumers and the industry at large to embrace electric vehicles.

- 37 b Question Explanation: This question examines the relationship between two significant barriers to the adoption of electric vehicles (EVs) in India: the high cost of EV batteries and the lack of a robust charging infrastructure. It seeks to determine not only the veracity of these statements but also whether the second statement (the lack of robust charging infrastructure) serves as an explanation for the first (the high cost of EV batteries being a major barrier).

Correct Option

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

Explanation: In the passage, it is stated that the prohibitive cost of EV batteries, which account for 60% of a vehicle's price, is a major barrier to EV adoption in India. It also mentions that the lack of a robust charging infrastructure is another significant challenge for the adoption of EVs in the country. These are presented as separate issues impacting EV adoption, implying both statements are true. However, statement 2 does not serve as an explanation for statement 1; rather, they are independent challenges that the EV ecosystem in India faces. The passage refers to these issues in the context of a webinar at VIT Chennai where experts highlighted these as distinct barriers, not causally related in the manner suggested by option (a).

38. b **Question Explanation:** The question seeks to identify the main obstacle to the widespread adoption of electric vehicles (EVs) in India as discussed during a webinar by experts at VIT Chennai. It focuses on understanding which specific challenge is considered most critical among those mentioned in the passage, affecting the uptake of EV technology in the country.

Correct Option:

- (b) Expensive EV batteries

The passage explicitly mentions the "prohibitive cost of EV batteries, which account for 60% of a vehicle's price" as a chief barrier to the adoption of EVs in India. This statement directly addresses the question by pointing out that the high cost of EV batteries is a primary challenge, making it difficult for prospective users to afford electric vehicles. This challenge is underscored by its significant contribution to the overall price of an EV, making it a critical hurdle for broader acceptance and adoption of electric vehicles in the market.

39. b **Question Explanation:** The phrase "dissected the intricate fabric," as used in the passage, metaphorically describes the process undertaken by experts to examine and understand the complex issues and elements involved in India's electric vehicle (EV) ecosystem. This does not refer to a physical dissection or separation but to a thorough and detailed analysis of the challenges and components of the EV landscape in India.

Correct Option:

- (b) Analysed the detailed aspects

This option is correct because the phrase implies a deep and detailed examination or analysis of the complex nature of India's nascent electric vehicle ecosystem. The experts from the fields of electrical and mechanical engineering, including Drs. Lenin N C, Manavalla Sreekanth, and M B Shyam Kumar, are mentioned as having dissected the intricate fabric of this ecosystem, indicating their thorough analysis of its complexities, challenges, and the interplay of various factors. This interpretation is based on understanding that "dissecting" in this context means analysing or examining in detail, and "intricate fabric" refers to the complex, woven-together aspects of the EV ecosystem.

Passage Explanation for questions 40 to 44:

Para-1 Explanation: This paragraph sets the stage for the importance of nutrition education in today's world, emphasizing its crucial role in enhancing both physical and mental strength among students. It highlights the growing recognition among educators and policymakers of nutrition education not just as advice on eating right but as a comprehensive strategy for ensuring lifelong health and vitality.

Para-2 Explanation: The focus here is on the critical need to instill healthy eating habits from an early age. The paragraph argues that nutrition education is about empowering students with the knowledge to make informed food choices, emphasizing that the dietary habits formed during childhood have a significant, lasting impact on health throughout adulthood.

Para-3 Explanation: This paragraph addresses the issue of childhood obesity and the role of nutrition education in combating it. It suggests that equipping students with knowledge about healthy eating can help reverse obesity trends. Additionally, it links good nutrition to improved cognitive functions and academic performance, suggesting that a nutritious diet enhances learning and engagement in the classroom.

Para-4 Explanation The final paragraph explores the connection between nutrition, mental health, and the development of practical food-related skills. It discusses how understanding the impact of diet on mental well-being can aid in preventing mental health issues and emphasizes the importance of teaching students' skills like meal planning and cooking. These skills are portrayed as crucial for maintaining a healthy lifestyle and preventing chronic diseases, highlighting the enduring value of nutrition education beyond the educational setting.

- 40 b Question Explanation: The question asks how nutrition education benefits students' mental health, according to the passage. This aspect of nutrition education encompasses understanding how different foods can affect mental health, mood, and emotional well-being.

Correct Option.

- (b) By teaching students about the impact of dietary choices on mental well-being

The passage highlights that nutrition education plays a crucial role in improving students' mental health by "illuminating the intricate dance between diet and emotional wellbeing." This suggests that students are taught about how their dietary choices can impact their mood and mental health, providing a foundation for managing or potentially alleviating conditions like depression and anxiety. This explanation is derived from paragraph 4, where the role of nutrition education in mental health is discussed, emphasizing the relationship between diet and emotional well-being.

- 41 b Question Explanation: The question asks for an inference about the consequences of enhanced cognitive functions resulting from nutritious diets, based on the provided text. To answer, we look for direct or indirect effects of improved cognitive abilities (like concentration, memory retention, and mental acuity) that nutritious diets facilitate, as discussed in the passage.

Correct Option.

- (b) Improved classroom engagement

The correct option is supported by the information in Para-3, where it is stated, "Research delineates a clear trajectory between nutritious diets and heightened cognitive functions, including enhanced concentration, memory retention, and overall mental acuity." It further explains that such benefits "invariably translate into superior academic performance and heightened classroom engagement." This implies that as students consume nutritious diets, the resulting enhancement in cognitive functions leads directly to better engagement in the classroom.

- 42 c Question Explanation: The question seeks to identify the reason why practical skills like meal planning, cooking, and food preparation are highlighted as important in the context of nutrition education, as discussed in the passage. It requires an understanding of how these skills contribute to the overarching goals of promoting health and wellbeing among students, as outlined in the provided text.

Correct Option.

- (c) They help students handle diet and nutrition related issues in life.
- This option is correct because the passage, particularly in paragraph 4, emphasizes that imparting practical skills like meal planning, cooking, and food preparation equips students with invaluable tools for "navigating the dietary challenges of life." These competencies are deemed indispensable for maintaining a balanced diet and preventing chronic illnesses, thus ensuring a legacy of health that goes beyond the educational setting. The passage suggests that these skills are crucial for enabling students to make informed and healthful decisions about their diet throughout their lives, rather than for preparing them for culinary careers or guaranteeing the avoidance of all chronic illnesses.

- 43 b Question Explanation: The question probes the reader's understanding of the implied impact of nutrition education on childhood obesity rates, as discussed in the passage. It aims to discern whether the reader can infer the potential effects of nutrition education on addressing or mitigating the challenge of rising childhood obesity, based on the information and context provided in the text.

Correct Option:

(b) Nutrition education may be able to counteract the rising prevalence of childhood obesity. This option is supported by several sentences and ideas presented in the passage, particularly in Para-3. The passage mentions, "nutrition education emerges as a potent antidote" to the "burgeoning epidemic of childhood obesity," suggesting that it could play a significant role in combating the rise in obesity rates among children. Furthermore, it discusses how students, "armed with knowledge about the ramifications of poor dietary choices," are "better positioned to navigate the complex landscape of modern nutrition," implying that education could lead to healthier eating patterns that counteract obesity. These points collectively support the idea that nutrition education has the potential to mitigate the rising prevalence of childhood obesity, making option b the correct answer.

44. b Question Explanation: The question asks for an inference about the long-term impact of nutrition education on students based on the provided passage. Inferences are conclusions or deductions made based on evidence and reasoning rather than explicit statements. Therefore, the correct option should logically follow from the information provided in the passage, even if it's not stated outright.

Correct Option:

(b) It reduces the likelihood of chronic illnesses by instilling healthy eating habits

This option is supported by the discussion in the passage about how nutrition education empowers students with the knowledge and skills to make healthier dietary choices (Para-2), and how these choices can ward off chronic illnesses (Para-4). The passage explicitly states that "habits formed in the crucible of childhood often calcify into the behaviors of adulthood, bearing long-term health implications" and mentions the impartation of practical skills for sustaining a balanced diet and warding off chronic illnesses. Therefore, it can be inferred that nutrition education reduces the likelihood of chronic illnesses by instilling healthy eating habits.

Passage Explanation for questions 45 to 50:

Para-1 Explanation: The passage highlights the ubiquity of English in Europe, especially noticeable during the festive season. This widespread use is attributed to long-standing educational policies that have promoted English learning, reflecting its importance as a global language spoken by a significant portion of the world's population. The economic influence of English-speaking nations and its status as an official language in various regions, often due to historical colonialism, further emphasize its value for communication.

Para-2 Explanation: While English serves as a global lingua franca, its dominance brings about fairness concerns. Native English speakers enjoy the advantage of not having to learn another language for global communication, unlike non-natives who must invest time and money to learn English. Western European countries spend a substantial part of their education budgets on English language education, a stark contrast to the reduced focus on learning foreign languages in English-speaking countries. This creates a professional and academic imbalance, where non-native English speakers may face obstacles such as longer times to process English materials and higher rejection rates in publishing, affecting their career prospects.

Para-3 Explanation: To address the inequalities caused by English's dominance, several remedies are suggested. These include imposing a tax on English-speaking countries to fund English education globally, revising patent laws to favor non-English-speaking inventors, and encouraging the use of multiple languages and machine translation in scientific research. These strategies are aimed at reducing the unfair advantages that English dominance brings and promoting equitable and inclusive communication worldwide.

45. b Question Explanation: The question asks for the meaning of the term "lingua franca" as it is used within the context of the passage provided. "Lingua franca" is a term used to describe a language that is adopted as a common language between speakers whose native languages are different. The passage discusses the role of English as such a language on a global scale, highlighting its benefits for international communication as well as the challenges and inequities it introduces, particularly between native and non-native speakers.

Correct Option

- (b) Common language for communication between speakers of different native languages

This option is correct because it aligns with the passage's description of English serving as a global medium of communication that transcends linguistic barriers between people of different mother tongues. The passage, particularly in paragraphs 1 and 2, refers to English's widespread use and its adoption as an official language in various regions due to historical and economic reasons. This establishes English as a "lingua franca" that enables communication across diverse linguistic backgrounds, despite the associated challenges of linguistic justice and equity.

46. a Question Explanation: This question requires the reader to identify which of the provided options does not accurately reflect an inference that can be made from a specific sentence in the passage.

The sentence in question highlights the reasons behind English's high communicative value, pointing to the economic significance of English-speaking countries and the historical reasons for its role as an official language in many regions due to colonial legacies. The correct answer will be an option that cannot be reasonably inferred from this explanation.

Correct Option:

- (a) English has become a dominant global language mainly because of its simplicity and ease of learning.

This option is correct because the given sentence in the passage does not mention or imply that the simplicity and ease of learning English are the reasons for its widespread proficiency and high communicative value. The sentence attributes English's status to economic and historical factors, specifically the economic significance of English-speaking countries and the colonial legacies that have made English an official language in many parts of the world.

47. b Question Explanation: The question seeks to understand the rationale behind the author's use of "anglicized" when describing menus in Europe.

The term suggests modifications made to menus, but the exact nature of these modifications and their implications need to be inferred from the context provided by the passage and the broader understanding of what "anglicized" typically means.

Correct Option:

- (b) To suggest that menu items are often presented in English to cater to English-speaking tourists

The passage describes the widespread proficiency in English across Europe and mentions "anglicized menus" alongside English-speaking staff, which suggests an effort to accommodate English-speaking visitors. The correct inference, based on the context that English is widely spoken and taught due to its global significance, is that menus are adapted into English to appeal to or be more accessible to tourists or visitors who speak English. This option is directly supported by the mention of English-speaking staff and the overall context of English's global prevalence, making it the most suitable choice.

48. b Question Explanation: The question asks the test-taker to deduce the likely future scenario for English language proficiency requirements in professional contexts outside of primarily English-speaking nations.

This inference is to be drawn from the discussion in the passage regarding the current global dominance of English, the economic and educational implications of its widespread use, and the potential impact of efforts to address linguistic justice.

Correct Option:

- (b) They will possibly increase due to the continued global dominance of English and its economic implications.

The passage underscores the global dominance of English and its significant economic value, as evidenced by its widespread proficiency in Europe, investment in English education reflecting its global language status, and its role in professional and academic settings where non-native speakers face disadvantages. Given this context, the most logical inference is that the demand for English proficiency in professional settings outside English-speaking countries will likely increase due to its entrenched status as the global lingua franca and the economic advantages it confers, as

discussed throughout the passage but especially highlighted in Para-1 and Para-2.

49. a Question Explanation: This question requires the test-taker to identify the statement within the passage that most effectively justifies the proposal of a linguistic tax on English-speaking countries to financially support English education in other parts of the world. The ideal answer would directly relate to the economic and social disparities caused by the global dominance of English, as outlined in the passage.
Correct Option
(a) The financial and time burdens of learning English disproportionately affect non-native speakers
- Para-2 discusses the issues of linguistic justice and highlights that native English speakers do not bear the financial and time costs associated with learning English as a second language, unlike non-native speakers. This creates a significant imbalance, with non-native speakers shouldering these burdens to achieve proficiency. The passage mentions that up to 15% of education budgets in Western European countries are devoted to teaching English, underscoring the significant investment required from non-English-speaking nations. This context supports the argument for a linguistic tax on English-speaking countries as a means to alleviate the financial and educational disparities experienced by non-native speakers, making option (a) the best support for the implementation of such a tax.
50. b Question Explanation: The question requires the examinee to draw a correct inference from a specific statement regarding the impact of English proficiency on the professional lives of non-native speakers. The statement outlines how non-native speakers face disadvantages in professional settings due to their English proficiency, specifically mentioning the additional time needed to engage with English texts and higher rejection rates in publishing, which affect their career opportunities despite having equal or greater technical competence.
Correct Option
(b) Language barriers can hinder the careers of technically skilled non-native English speakers
- This option is correct because the provided statement explicitly states that non-native English speakers face professional disadvantages due to their English proficiency. These disadvantages impact their career opportunities, even when they possess equal or greater technical competence, thus directly supporting the inference that language barriers can hinder the careers of technically skilled non-native English speakers.
51. d The Association of Southeast Asian Nations (ASEAN) is a regional grouping that aims to promote economic and security cooperation among its ten members: Brunei, Cambodia, Indonesia, Laos, Malaysia, Myanmar, the Philippines, Singapore, Thailand, and Vietnam. It was established on 8 August 1967 in Bangkok, Thailand, with the signing of the ASEAN Declaration (Bangkok Declaration) by the founding fathers of ASEAN: Indonesia, Malaysia, Philippines, Singapore and Thailand. The motto of ASEAN is "One Vision, One Identity, One Community". ASEAN Secretariat is located in Jakarta, Indonesia.
52. b The World Trade Organization (WTO) is an intergovernmental organization headquartered in Geneva, Switzerland that regulates and facilitates international trade. Governments use the organization to establish, revise, and enforce the rules that govern international trade in cooperation with the United Nations System. The WTO is the world's largest international economic organization, with 164 member states representing over 98% of global trade and global GDP. It officially commenced operations on 1 January 1995, pursuant to the 1994 Marrakesh Agreement, thus replacing the General Agreement on Tariffs and Trade (GATT) that had been established in 1948.
53. a The Launch Vehicle Mark-3 or LVM3 (previously referred as the Geosynchronous Satellite Launch Vehicle Mark III or GSLV Mk III) is a three-stage medium-lift launch vehicle developed by the Indian

Space Research Organisation (ISRO). Primarily designed to launch communication satellites into geostationary orbit, it is also due to launch crewed missions under the Indian Human Spaceflight Programme. LVM3 has a higher payload capacity than its predecessor, GSLV. After several delays and a sub-orbital test flight on 18 December 2014, ISRO successfully conducted the first orbital test launch of LVM3 on 5 June 2017 from the Satish Dhawan Space Centre. The LVM3 has launched CARE, India's space capsule recovery experiment module, Chandrayaan-2 and Chandrayaan-3, India's second and third lunar missions, and will be used to carry Gaganyaan, the first crewed mission under Indian Human Spaceflight Programme.

54. b The Group of Twenty (G20) is the premier forum for international economic cooperation. It plays an important role in shaping and strengthening global architecture and governance on all major international economic issues. The G20 was founded in 1999 after the Asian financial crisis as a forum for the Finance Ministers and Central Bank Governors to discuss global economic and financial issues. India held the Presidency of the G20 from 1 December 2022 to 30 November 2023. India put forth a proposal for the African Union to attain permanent membership status within the G-20, a proposal that garnered unanimous support from all participating nations. Hence, the African Union was accepted as a permanent member of the G20.
55. b The Oslo Accords are a pair of interim agreements between Israel and the Palestine Liberation Organization (PLO): the Oslo I Accord, signed in Washington, D.C., in 1993, and the Oslo II Accord, signed in Taba, Egypt, in 1995. They marked the start of the Oslo process, a peace process aimed at achieving a peace treaty based on Resolution 242 and Resolution 338 of the United Nations Security Council. The Oslo process began after secret negotiations in Oslo, Norway, resulting in both the recognition of Israel by the PLO and the recognition by Israel of the PLO as the representative of the Palestinian people and as a partner in bilateral negotiations. Among the notable outcomes of the Oslo Accords was the creation of the Palestinian National Authority, which was tasked with the responsibility of conducting limited Palestinian self-governance over parts of the West Bank and the Gaza Strip, and the international acknowledgement of the PLO as Israel's partner in permanent-status negotiations about any remaining issues revolving around the Israeli-Palestinian conflict.
56. c The Indian Navy has submitted a proposal to the government for the construction of its second indigenous aircraft carrier, known as the Indigenous Aircraft Carrier-2 (IAC-2). Cochin Shipyard Ltd (CSL) delivered the first indigenously built Aircraft Carrier (IAC-1) INS Vikrant to the Indian Navy in July 2022.
57. c India has started 'Operation Kaveri' to evacuate its nationals owing to the Current Crisis in Sudan. Around 3,000 Indians are stuck in various parts of Sudan, including capital Khartoum and in distant provinces like Darfur. The conflict in Sudan has its roots in the overthrowing of long-serving President Omar al-Bashir by military generals in April 2019, following widespread protests. This led to an agreement between the military and protesters, under which a power-sharing body called the Sovereignty Council was established to lead Sudan to elections at the end of 2023. However, the military overthrew the transitional government led by Abdalla Hamdok in October 2021, with Burhan becoming the de-facto leader of the country and Dagalo his second-in-command.
58. c The 2023 ICC Men's Cricket World Cup was the 13th edition of the Cricket World Cup, a quadrennial One Day International (ODI) cricket tournament contested by men's national teams and organised by the International Cricket Council (ICC). The tournament was hosted by India. It started on 5 October and concluded on 19 November 2023, with Australia winning the tournament. It was the first men's Cricket World Cup which India hosted solely. The tournament took place in ten different stadiums, in ten cities across the country. In the first semi-final India beat New Zealand, and in the second

semi-final Australia beat South Africa. The final took place between India and Australia at Narendra Modi Stadium on 19 November with Australia winning the title for the sixth time.

59. a Sundar Pichai is the CEO of Alphabet Inc., the parent company of Google. Satya Nadella is the CEO of Microsoft. Arvind Krishna is the Chairman and CEO of IBM. Shantanu Narayen is the Chairman and CEO of Adobe Inc.
60. d The 2023 United Nations Climate Change Conference or Conference of the Parties of the UNFCCC, more commonly known as COP28, was the 28th United Nations Climate Change conference, held from 30 November to 13 December at Expo City, Dubai, United Arab Emirates. The COP conference has been held annually (except 2020 due to the COVID-19 pandemic) since the first UN climate agreement in 1992. The event is intended for governments to agree on policies to limit global temperature rises and adapt to impacts associated with climate change. COP28 member countries reached an agreement to operationalize the Loss and Damage (L&D) fund aimed at compensating countries grappling with climate change impacts. The World Bank will be the "interim host" of the fund for four years, aligning with UNFCCC and the Paris Agreement. All developing countries are eligible to apply, and every country is "invited" to contribute voluntarily. A specific percentage is earmarked for Least Developed Countries and Small Island Developing States. The Global Stocktake (GST) is a periodic review mechanism established under the Paris Agreement in 2015. The fifth iteration of the Global Stocktake (GST) text was released at COP28 and adopted with no objection. The fifth iteration text maintains continuity with COP26 in Glasgow, balancing global aspirations of countries like India with diverse energy needs.
61. b The correct answer is B. Platform workers. Platform workers engage in work facilitated by online software apps or digital platforms like food aggregator platforms (e.g., Zomato, Swiggy), ride-hailing apps (e.g., Ola), and other similar platforms.
62. b The Indo-Australian tennis pair Rohan Bopanna-Matthew Ebden lost to the defending US Open men's doubles champions Rajeev Ram-Joe Salisbury in the finals of US Open. Rajeev Ram and Joe Salisbury became the first men's doubles team at the US Open to achieve a three-peal in more than 90 years.
63. d The joint bilateral training exercise "Exercise Harimau Shakti 2023" between the Indian and Malaysian Army has officially started at Umroi Cantonment in India. The Malaysian Army contingent includes troops from the 5th Royal Battalion of the Malaysian Army, while the Indian contingent is represented by a battalion of THE RAJPUT REGIMENT. The previous edition of this exercise took place in Malaysia in 2022. Jim Corbett National Park in Uttarakhand is famous for its population of leopards. The park hosts a diverse range of wildlife, and leopards are among the prominent predators found here.
64. b An earthquake is a result of the sudden release of energy in the Earth's crust, causing seismic waves. The epicenter is the point on the Earth's surface directly above the earthquake's focus or hypocenter. Surface waves cause the most damage as they move along the Earth's surface and are responsible for the shaking that causes destruction. The Richter scale is the most commonly used scale for measuring the magnitude of earthquakes. A seismograph is used to measure the magnitude of an earthquake.
65. d The Khelo India Youth Games (KIYG) 2023 were held from January 19-31, 2024 across four cities of Tamil Nadu, namely Chennai, Madurai, Trichy and Coimbatore. Silambam, a traditional sport of Tamil Nadu, was introduced as a demo sport for the first time in the history of Khelo India Youth Games. This was the first time that the games were held in South India. The mascot for the games was Veera Mangai. Rani Velu Nachiyar, fondly called Veera Mangai, was an Indian queen who waged a war against British colonial rule. Maharashtra defended their Khelo India Youth

Games title after topping the medals tally with 57 gold medals, 48 silver and 53 bronze. It was their fourth KIYG title. Host state Tamil Nadu finished second with 38 gold, 21 silver and 39 bronze for their best-ever finish. Haryana, who have won two KIYG titles, came third with 35 gold, 22 silver and 46 bronze medals. A total of 926 medals - 278 gold, 278 silver and 370 bronze - were on offer across 26 sports at KIYG 2024 Tamil Nadu. Squash made its KIYG debut this year while Silambam, a form of indigenous martial arts, featured as a demonstration sport.

66. c The correct answer is C. Services. The services sector is the largest contributor to India's GDP, encompassing various industries such as IT, telecommunications, banking, healthcare, and more. It has been a significant driver of economic growth in the country.
67. b The Constitution (106th Amendment) Act 2023 has recently got the President's Assent. This Act provides for one-third of total seats in the House of the People, the Legislative Assembly of every State and the Legislative Assembly of the National Capital Territory of Delhi to be reserved for women for 15 years. The purpose of this amendment is to increase women's participation in policymaking. While there is no direct link between the number of legislators and the strength of law enforcement agencies, the number of women in these gives a fair idea about how representative these institutions are of the society they represent.
68. d Indore has secured first position in Swachh Vayu Sarvekshan-2023, conducted by the Central Pollution Control Board. According to a release, in the category of cities with a population of over 10 lakhs in the Swachh Vayu Sarvekshan-2023, Indore has secured the first position, Agra second, Thane third, Srinagar fourth and Bhopal ranked fifth.
69. a The world's largest river delta is the Ganges River delta, often referred to as the Ganges-Brahmaputra delta. It's a sprawling delta formed by the confluence of the Ganges, Brahmaputra, and Meghna rivers in Bangladesh and India.
70. d The International Criminal Court (ICC) issued an arrest warrant for war crimes for President Vladimir Putin and a second Russian official. This is the first time that the ICC has issued an arrest warrant against one of the five permanent members of the United Nations Security Council. ICC issued an arrest warrant against Russian President Vladimir Putin for the alleged war crime of unlawfully deporting and transferring children from occupied areas of Ukraine to the Russian Federation. On 17 July, 1998 Rome Statute was adopted by 120 States in direction of creating a more just world. On 1 July, 2002 Rome Statute took effect upon ratification by 60 states, officially establishing the ICC. Since it has no retroactive jurisdiction, the ICC deals with crimes committed on or after this date. Rome Statute grants the ICC jurisdiction over four main crimes:
1. The crime of Genocide
2. Crimes against Humanity
3. War crimes
4. Crime of Aggression.
71. b The Reserve Bank of India (RBI) primarily uses the Consumer Price Index (CPI) to measure inflation. CPI measures the changes in prices of a basket of consumer goods and services, providing an indication of the cost of living for consumers.
72. b Prime Minister Narendra Modi got a first-hand feel of the indigenous light combat aircraft (LCA) Tejas as he took a sortie trainer version of the aircraft on November 25. He became the first Prime Minister to fly in fighter aircraft as he went on sortie which lasted for 30 minutes. The Light Combat Aircraft (LCA) LSP-7, known as "Tejas," successfully launched the indigenous Beyond Visual Range (BVR) air-to-air missile called ASTRA. The missile was fired from the aircraft at an altitude of approximately 20,000 feet and achieved all test objectives flawlessly. ASTRA is an advanced BVR air-to-air missile developed by various DRDO laboratories, including the Defence Research and Development Laboratory (DRDL) and Research Centre Imarat (RCI).

73. b A severe drought in Panama is causing extensive delays for cargo ships transiting the Panama Canal, a vital route connecting almost 2,000 ports across 170 countries. The Panama Canal is an 82 km artificial waterway in Panama, connecting the Atlantic and Pacific Oceans and dividing North and South America. It allows ships to avoid the lengthy and dangerous voyage around Cape Horn. Panama itself forms an isthmus (a narrow land strip connecting two larger landmasses) between North and South America.
74. d BT cotton is the first genetically modified crop of India. This has been developed by MAHYCO (Maharashtra Hybrid Seeds Company) in collaboration with American company, Monsanto.
75. b The Green Revolution is referred to as the process of increasing agricultural production by incorporating modern tools and techniques. The Blue Revolution aims to increase the overall fish production in a responsible and sustainable manner for economic prosperity. The White Revolution is referred to as the concept of unexpected increase in milk production. The Yellow Revolution was launched to increase the production of Edible oilseeds in the country to meet the domestic demand.
76. d Acid rain results from the presence of oxides of nitrogen (NO_x) and sulfur (SO_x) in the atmosphere, which react with water vapor to form nitric acid and sulfuric acid, respectively. These acids then fall to the ground as rain or other forms of precipitation, causing environmental damage.
77. c The Jnanpith selection committee announced that the 58th Jnanpith Award will be given to two writers, Sanskrit scholar Jagadguru Rambhadracharya and Urdu poet and lyricist Gulzar (Sampuran Singh Kalra), for 2023. It is the second time the award is being given for Sanskrit and the fifth time for Urdu.
78. b Author Geetanjali Shree's Hindi novel 'Tomb of Sand' has become the first book in any Indian language to win the prestigious International Booker Prize. 'Tomb of Sand', originally 'Ret Samadhi' was translated by Daisy Rockwell. The novel is based on boundary-crossing 80-year-old heroine. It is the first book in any Indian language to win the high-profile award, which recognizes fiction from around the world that has been translated into English. The 50,000-pound (\$63,000) prize money will be split between Shree and Rockwell.
79. a LVM3 will be used to carry Gaganyaan, India's first crewed mission under the Indian Human Spaceflight Programme. Gaganyaan is an Indian crewed orbital spacecraft intended to be the formative spacecraft of the Indian Human Spaceflight Programme. The spacecraft is being designed to carry three people, and a planned upgraded version will be equipped with rendezvous and docking capabilities. In its maiden crewed mission, the Indian Space Research Organisation (ISRO)'s largely autonomous 5.3-metric ton capsule will orbit the Earth at 400 km altitude for up to seven days with a two- or three-person crew on board. The first crewed mission was originally planned to be launched on ISRO's LVM3 rocket in December 2021. It is expected to be launched by 2025.
80. b The International Court of Justice (ICJ), also called the World Court, is the only international court that adjudicates general disputes between nations, and gives advisory opinions on international legal issues. It is one of the six organs of the United Nations (UN), and is located in The Hague, Netherlands. The ICJ is the successor of the Permanent Court of International Justice (PCIJ), which was established in 1920 by the League of Nations. After the Second World War, the League and the PCIJ were replaced by the United Nations and ICJ, respectively. The Statute of the ICJ, which sets forth its purpose and structure, draws heavily from that of its predecessor, whose decisions remain valid. All member states of the UN are party to the ICJ Statute and may initiate contentious legal cases; however, advisory proceedings may be submitted only by certain UN organs and agencies. The ICJ consists of a panel of 15 judges elected by the UN General Assembly and Security Council for nine-year terms.

81. b Question Explanation: The statement highlights a shift in the tech industry caused by the rise of artificial intelligence. It points out that job seekers in tech, who were once used to high paychecks and strong demand for their skills, are now in a situation where they must adapt to the growing importance of AI. This adaptation includes learning new AI skills and adjusting expectations regarding compensation. The statement implies changes in the job market and compensation trends within the tech industry, specifically relating to the integration of AI skills.
Correct Option:
(b) Demand for traditional tech skills without AI is decreasing
The statement suggests that tech professionals accustomed to high paychecks and robust demand for their skills are now facing a new reality where learning AI is crucial. This indicates a shift in the job market where traditional tech skills alone might not be as valuable or in demand as they once were unless they are complemented by AI knowledge. The need to learn AI to remain competitive in the job market implies that demand for purely traditional tech skills is on the decline. This interpretation directly supports option (b), as the essence of the statement revolves around the changing dynamics in demand for tech skills due to the rise of AI.
82. c Question Explanation: The question is about deducing the most likely outcome or implication based on India's plans to introduce new quality control orders aimed at boosting the textile industry. These measures are specifically designed to curb the influx of cheap Chinese textiles and enhance India's standing in global manufacturing and supply chains through improved quality control measures. It tests the ability to interpret the strategic intent and potential impacts of these measures on both the domestic market and international relations.
Correct Option:
(c) Enhanced product standards will benefit Indian consumers.
The statement "India aims to enhance its global manufacturing role by introducing quality control orders to limit cheap Chinese textiles and improve product standards" implies that by improving the quality of textiles, the initiative will inherently benefit Indian consumers. Higher product standards mean that consumers will have access to better-quality textiles, which is a direct benefit of enhancing product standards mentioned in the given statement.
83. d Question Explanation: This statement emphasizes the efforts of organizations to remain relevant and competitive in an environment where both customer expectations and market conditions are continuously evolving. It suggests that to navigate these changes successfully, businesses are focusing on innovation as a strategy to anticipate and respond to these shifts, ensuring they can meet customer needs and secure their position in the marketplace going forward.
Correct Option:
(d) Companies aim to be proactive in a dynamic market.
The statement indicates that organizations are actively seeking innovative ways to adapt to changing customer demands and the future marketplace. This proactive approach to innovation implies that companies are not merely reacting to changes as they occur but are instead trying to anticipate and prepare for these changes in advance. The reference to a "rapidly changing business landscape" and the need to meet "ever-shifting demands" supports the inference that companies aim to be proactive in their strategies to ensure sustainability and competitiveness in a dynamic market environment.
Wrong Options:
(a) Customer demands are the only factor driving business innovation.
This option is incorrect because the original statement does not claim that customer demands are the sole factor influencing
84. c Question Explanation: The statement provided describes a dire assessment of Earth's climate as detailed in the latest State of the Global Climate report. It highlights the critical role of fossil fuel pollution in exacerbating climate change, emphasizing the severity of the situation and the urgent need for action to mitigate these effects.
Correct Option:
(c) There is an urgent need for global action on fossil fuel pollution.
The correct inference, based on the provided statement, is that the

report underscores the urgent necessity for collective measures to tackle the issue of fossil fuel pollution. This conclusion is drawn from the description of the planet being "on the brink" and the specific mention of "fossil fuel pollution" as a major driver of "climate chaos," which suggests a call to action against the primary source of the problem.

85. a Question Explanation: The question suggests that personalized learning paths, which are tailored to each student's unique abilities, could be instrumental in maximizing their learning potential. The inference to be drawn is about what can be concluded from this statement regarding the factors that affect learning success.
Correct Option:
(a) Individual strengths and weaknesses influence learning success. This option can be inferred directly from the statement that personalized learning paths can unlock students' potential, implying that these paths take into account individual differences in strengths and weaknesses, which in turn influence the
86. c Question Explanation: The question is derived from the statement that an increased interest in personal security has spurred the development of home surveillance systems. It asks us to identify a logical inference that can be made based on this information. The focus is on understanding how this increased interest in security is affecting the market and characteristics of home surveillance systems.
Correct Option:
(c) Range of home surveillance systems is likely increasing, offering more choices to consumers.
This option is directly supported by the premise that the development of home surveillance systems is being boosted due to increased interest in personal security. This boost in development logically leads to a broader range of products. As manufacturers aim to meet the diverse needs and preferences of an expanding customer base interested in enhancing their personal security, the variety of available home surveillance systems is naturally expected to increase.
87. b Question Explanation: The question asks you to identify which statement can logically be inferred from the original statement about the importance of training in sustainable tourism practices. The original statement emphasizes the need for training to achieve a balance between industry growth, environmental conservation, and community welfare in the context of sustainable tourism. This implies that such training is aimed at integrating economic development with the preservation of natural and cultural resources and benefiting local communities.
Correct Option:
(b) Educating tourism professionals can safeguard natural and cultural heritage.
This option is inferred directly from the original statement's emphasis on balancing industry growth with environmental conservation and community welfare. The mention of environmental conservation and community welfare suggests that training focuses on protecting natural and cultural heritage, which are key components of both these elements. The original statement implies that through proper education and practices, it is possible to achieve sustainable tourism that respects and preserves cultural and natural assets.
88. c Question Explanation: The question presents a scenario where urban planners who incorporate green spaces into their urban designs tend to see higher levels of community satisfaction compared to those who do not. Given that Arjun, an urban planner, has been recognized for achieving high community satisfaction through awards, the question asks us to infer the likelihood of Arjun including green spaces in his designs based on this correlation.
Correct Option:
(c) Arjun might have included green spaces in his designs.
The correct inference is drawn from the observation that integrating green spaces into urban designs correlates with higher community satisfaction. Since Arjun has received awards for community satisfaction, it is reasonable to infer that he might be employing strategies known to enhance satisfaction, such as including green spaces. However, without explicit information about Arjun's specific

practices, we cannot definitively conclude that he always includes green spaces, only that it is a possibility given the context.

- 90 a Question Explanation: The question asks for the option that, if true, would most effectively support the claim that shifting from plastic to cardboard packaging materials will lead to a significant reduction in the organization's environmental impact. The correct option should directly relate to the benefits of using cardboard over plastic in terms of reducing the environmental footprint, such as factors involving resource sustainability, waste reduction, or energy efficiency.

Correct Option:

- (a) Cardboard packaging often uses renewable wood fibers, reducing resource depletion

This option directly supports the claim by highlighting an environmental benefit of using cardboard packaging. By utilizing renewable wood fibers, cardboard packaging contributes to reducing resource depletion, implying a sustainable approach that aligns with efforts to lower the environmental footprint. The renewal aspect of the wood fibers means that the resources can be replenished over time, unlike the petroleum-based resources needed for plastic, which are finite and contribute to environmental degradation.

- 90 b Question Explanation: The question asks which option, if true, would weaken or contradict the argument that participation in group sports or organized fitness classes improves social engagement, creates a sense of belonging, and boosts mental health by reducing feelings of isolation and loneliness. Essentially, it seeks an option that suggests group activities might not always have positive effects on mental health or might not be as effective as suggested.

Correct Option:

- (b) The competitive nature of sports may exacerbate stress instead of alleviating it.

This option directly undermines the argument by suggesting that group sports, instead of reducing stress and enhancing mental health, might actually increase stress for some individuals due to their competitive aspects. This challenges the positive correlation between group sports participation and mental health improvement.

- 91 b Question Explanation: The question asks for the fact that, if true, would most undermine the argument that giving cities more autonomy would allow them to serve better as laboratories for democracy, where innovative solutions to complex problems can be tested and refined. The argument posits that current dependencies on higher levels of government restrict cities' capacities to innovate and address issues effectively. The correct fact would illustrate a significant drawback or limitation of increasing city autonomy in the context of addressing broad or complex challenges.

Correct Option:

- (b) Localism can hinder comprehensive approaches to issues that transcend city boundaries

This fact directly challenges the argument by highlighting a critical limitation of increased autonomy for cities. If cities focus too much on localism, they might not be able to effectively tackle issues that require regional, national, or even global coordination and cooperation, such as climate change, transportation networks, and economic policies that go beyond the city's boundaries. This undermines the notion that greater autonomy is a panacea for cities to innovate and solve complex problems, as some challenges are inherently too broad for a city to address alone, regardless of its level of autonomy.

- 92 c Question Explanation: The question is asking which fact, if proven to be true, would support the local government's decision to offer rebates on water bills as a reward for rainwater harvesting. The correct fact would demonstrate a positive outcome directly related to the policy's objective, which is to address the severe drought by encouraging the use of harvested rainwater.

Correct Option:

- (c) Community water reserves have stabilized since the policy's implementation

This option directly relates to the policy's aim of addressing the drought. If community water reserves have stabilized as a result of the policy, it means that the policy is effective in achieving its goal of

conserving water. This stabilization of water reserves would be a strong argument in favor of the policy because it shows a tangible benefit that improves the community's water security.

93. c Question Explanation: The question presents an argument by Anant against the government regulation or punitive taxation of unhealthy foods or beverages, based on the premise that their consumption, in moderation, is a personal choice that harms only the individual. The task is to identify which provided fact, if true, would most effectively challenge or weaken Anant's stance. The underlying implication is to evaluate how the broader societal impact or historical precedence of regulation could undermine the argument that unhealthy food consumption should remain unregulated due to its perceived individualistic impact.

Correct Option

- (c) Both (a) and (b)

(a) The long-term effects of consuming unhealthy foods, even in moderation, are not fully understood and could pose broader health risks.

Option (a) suggests that the long-term effects of consuming unhealthy foods, even in moderation, are not fully understood and could pose broader health risks. This directly challenges Anant's assumption that such consumption harms only the individual, hinting at possible unforeseen impacts on public health that could justify regulatory action.

(b) Government regulation of harmful substances (e.g., tobacco, alcohol) has precedent and shows societal benefit.

The option means that there is a historical background or examples where the government has imposed regulations on substances that are considered harmful to health, such as tobacco and alcohol. The statement comparing the regulation of harmful substances like tobacco and alcohol to the discussion about unhealthy foods uses historical precedent to suggest that government intervention can lead to societal benefits. It implies that if such regulation has positively impacted public health by controlling substances known to be harmful, similar regulatory approaches could be justified for unhealthy foods to address health risks they pose. This challenges the view that the consumption of unhealthy foods should be left entirely to personal choice, highlighting potential broader public health implications.

94. b Question Explanation: This question is asking you to find an argument that weakens the advocates' argument for setting uniform carbon emission targets based on the principle of shared responsibility for climate change. The advocates argue that every country should have the same emission targets to fairly share the responsibility for addressing climate change. The correct answer will provide a rationale against the idea that uniform targets are the best way to share responsibility, highlighting a fundamental issue with this approach.

Correct Option:

- (b) Different countries have varying capacities and resources to reduce emissions

This option weakens the advocates' argument by pointing out that countries have different abilities and means to reduce their carbon emissions. It suggests that setting the same target for every country ignores the diverse economic, technological, and social realities across the globe. For example, wealthier countries might have more resources to invest in clean energy and infrastructure improvements than poorer countries. Therefore, insisting on uniform targets could be unfair or impractical, as it doesn't account for these disparities. This argument undermines the principle of shared responsibility by indicating that equal targets do not equate to equitable or fair contributions from each country.

95. d Question Explanation: The question asks for a statement that most directly undermines the argument presented by opponents of uniform carbon emission targets. The opponents argue that because industrialized nations have historically contributed more to global emissions, applying the same targets to all countries now is unfair and overlooks past inequalities in emissions contributions. The correct answer would directly challenge this view or offer a reason why uniform targets might still be appropriate or justified, despite the historical discrepancies.

Correct Option:

101 b Question Explanation: The question asks which option, if true, would challenge or undermine the broad applicability or generalization of the clinical trial's observation that adopting a plant-based diet leads to a significant reduction in LDL cholesterol levels. Essentially, it's asking for a factor that could suggest the observed benefits might not apply universally to everyone who tries a plant-based diet.

Correct Option:

- (b) The trial did not take into account other lifestyle changes, such as increased exercise.

If the trial accounted for other lifestyle changes like increased exercise, this fact could weaken the general applicability of the observation regarding the plant-based diet. This is because the significant reduction in LDL cholesterol levels could also be influenced by these other factors, such as increased exercise, rather than the plant-based diet alone. Therefore, it's possible that the diet isn't the sole or primary cause of the observed benefits, making the specific impact of the plant-based diet on cholesterol levels less clear and less universally applicable.

102 b Question Explanation: The question presents a set of statements about the impact of technology on democracy and human rights. It emphasizes the challenge posed by authoritarian regimes using technology to undermine democratic values and highlights the need for proactive efforts to ensure that technology supports democracy. Based on these statements, two conclusions are drawn, and the task is to evaluate which, if any, of these conclusions logically follow from the statements provided.

Correct Option:

- (b) Only II follows

II. Continuous monitoring and awareness are required to safeguard against the erosion of democratic values.

The correct conclusion is supported by the statement that emphasizes the need for "proactive measures and vigilance" to ensure technology sustains and supports democratic norms. This clearly suggests that ongoing efforts, including monitoring and raising awareness, are necessary to prevent the degradation of democratic values in the face of technological exploitation by authoritarian regimes.

103. a Question Explanation: The question asks us to determine which statements or conclusions can be logically derived from the given passage about the issues fire departments are facing with fires caused by lithium-ion batteries in various devices. To properly infer means to make a logical deduction based on the provided information without adding assumptions or external knowledge.

Correct Option:

- (a) Only I

Correct Conclusion: I. Not all lithium-ion batteries in the market have gone through safety certification.

This conclusion is correct because the passage explicitly mentions that some products containing lithium-ion batteries "haven't been safety tested and certified by an accredited testing laboratory." This implies that there are lithium-ion batteries in the market that lack proper safety certification.

104 c Question Explanation: The question asks you to identify which conclusion can be directly drawn from the provided passage about weight loss, exercise, and diet. It focuses on understanding the roles of aerobic exercises, strength training, and the importance of consistency and enjoyment in exercise for effective weight loss. The passage emphasizes a holistic approach to exercise, suggesting that both aerobic exercises and strength training have their benefits, and that consistency in engaging in enjoyable activities is crucial for weight loss.

Correct Option:

- (c) Engaging consistently in an exercise that is delightful and increases heart rate is key for weight loss

This option is supported by the passage's statement that "consistency in an enjoyable, motivating activity that increases heart rate and movement is most effective for shedding pounds." Alongside, it is further mentioned that, 'Aerobic exercises, or cardio,

(d) Neither (a) nor (b)

Wrong Options:

(a) Biodiversity loss due to climate change does not respect national boundaries.

This option is wrong because it doesn't directly counter the argument regarding historical emissions and fairness. While it highlights the global impact of climate change, it does not address the concern about uniform carbon targets being unjust due to past discrepancies in emissions.

(b) The global economy is interconnected, and changes in one region can have ripple effects on trade and industry worldwide. This statement is also incorrect because, although it points to the interconnectedness of the global economy, it doesn't directly challenge the opponents' argument about historical emissions responsibility. It suggests the potential for widespread effects of climate policies but doesn't argue against the idea that uniform targets might be unfair to less developed countries.

96. b
N + 1 = O
A + 2 = C
M + 3 = P
A + 4 = E
S + 5 = X
T + 6 = Z
E + 7 = L
Similarly,
S + 1 = T
W + 2 = Y
A + 3 = D
M + 4 = Q
Y + 5 = D

97. c
P(16) + K(11) = 27
A(1) + Z(26) = 27
R(18) + I(9) = 27
T(20) + G(7) = 27
I(9) + R(18) = 27
C(3) + X(24) = 27
L(12) + O(15) = 27
E(5) + V(22) = 27
Hence, the code for "MAINTAIN" is "NZRMGZRM".

98. b First 3 letters from left is written in the reverse order, then the last 3 letters from right is written in the reverse order. Hence, the answer is NETRED.

99. a In related word position number of each letter is increases by 3
Hence, the related word for 'POWER' is 'SRZHU'.

100. b Question Explanation: The question asks for the fact that best supports the statements regarding the installation of automatic faucets and toilets in public restrooms to encourage water conservation. The statements emphasize that such installations can subtly influence users to conserve water without requiring them to make any active decisions or significant changes to their behaviour. This means the correct answer would be a fact that directly supports the idea that automatic systems in restrooms can promote water conservation in a user-friendly and subtle manner.
Correct Option:

(b) Only II. Correct Statement/s.

Only II: The convenience of automatic systems encourages their adoption, indirectly promoting sustainable habits without explicit behaviour change.

This statement directly supports the given statements because it highlights how the ease of use and convenience of automatic faucets and toilets can lead to their widespread adoption. This, in turn, promotes water conservation as these systems are designed to use water more efficiently. It underscores that users do not have to consciously decide to save water; the design of these systems naturally leads to water conservation, aligning perfectly with the idea of promoting sustainability through subtle means.

are effective for burning calories and fat reduction. These sentences directly suggest that the key to weight loss is not just exercising but doing so consistently with activities that are enjoyable and effectively raise the heart rate.

105. c Both are liable as they successfully entered C's property with the intent of committing an offence.

106. a Only A is liable as he moved the valuables in order to take them out of C's possession.

107. c Question Explanation: The passage discusses the transformative impact of the Industrial Revolution, emphasizing both its positive outcomes, such as innovation and economic development, and its negative consequences, including worker exploitation, environmental harm, and social issues. It suggests that while the era marked significant progress, it also underscored the importance of addressing the downsides of rapid industrial expansion. The question asks you to identify conclusions that best encapsulate the main themes and implications of the passage, particularly focusing on the balance between technological progress, human welfare, and the nature of changes brought by the Industrial Revolution.

Correct Option:

- (c) Both I and III

Correct Conclusion/s:

- I. The Industrial Revolution was characterized by rapid industrialization that fundamentally changed society and the way people lived

This conclusion accurately summarizes a key point of the passage, which describes the profound societal and economic transformations triggered by the Industrial Revolution.

- III. The era highlighted the need for a balance between technological advancement and the protection of human welfare

This conclusion directly aligns with the passage's discussion on the double-edged nature of the Industrial Revolution. It captures the passage's emphasis on the importance of finding a middle ground between harnessing technological progress and ensuring the well-being of individuals and the environment!

108. c Question Explanation: The question presents a scenario where two groups of lab mice are subjected to different conditions regarding their diet. Group A receives a new diet intended to enhance cognitive functions, while Group B continues with a regular diet. Both groups show improved cognitive functions over time, challenging the direct attribution of cognitive improvement in Group A to the new diet alone. The question asks us to infer the most likely conclusion about the diet's effectiveness on cognitive improvement, considering the improvements observed in both groups.

Correct Option:

- (c) Environmental conditions could have contributed to both groups' cognitive gains.

The correct option is inferred from the information that both Group A (which received the new diet) and Group B (which did not) showed improvements in cognitive functions. This shared outcome suggests that factors other than the diet—such as environmental conditions or the nature of the experiments themselves—might have played a significant role in the observed cognitive gains. The statement in the question about both groups displaying improved cognitive functions after the same period directly supports this conclusion.

109. c Question Explanation: The question asks which conclusion(s) can be accurately drawn from the passage provided. It requires an understanding of the main ideas presented about how societies deal with adversity, the role of human hope and resilience, and the outcomes of facing challenges. The aim is to discern which of the listed conclusions directly aligns with the information and implications in the passage.

Correct Option:

- (c) I and III

Correct Conclusion/s:

- I. Societies can use adverse events as opportunities for growth and development

This conclusion is directly supported by the passage's emphasis on how humanity's capacity for hope and resilience, as well as the belief in the possibility of change and improvement, have enabled societies to transform even the most devastating events into stepping stones for progress and enlightenment.

III. Historical challenges have often led to societal evolution and enlightenment.

The passage explicitly states that through the lens of future possibilities, historical events that were devastating have been turned into opportunities for societal evolution and enlightenment, affirming this conclusion.

110. b Question Explanation. The question presents a passage discussing the ethical challenges and potential benefits of genetic engineering in human embryos. It asks which conclusion(s) can be properly inferred from the text. The question hinges on understanding the distinction between directly stated information and what can be logically deduced from the passage. It's about evaluating the ethical complexities and potential impacts of genetic engineering on humanity, distinguishing between enhancement and healing, and considering the importance of preserving human values amidst technological advances.

Correct Option:

(b) Only III

Correct Conclusion/s:

III. The moral implications of genetic engineering necessitate careful consideration to preserve our humanity.

The passage emphasizes the need to carefully consider the moral implications of genetic engineering, especially as it pertains to human embryos. This is because it presents challenges that touch on the core of what it means to be human, including the distinction between healing and enhancing, and the potential to fundamentally alter human abilities. The text suggests that navigating these ethical waters without losing our humanity is crucial, thus leading to the conclusion that preserving our humanity requires careful consideration of the moral implications involved.

111. b Question Explanation. The question presents a passage discussing the nature of terms of service agreements with digital platforms controlled by major tech corporations. It explains that these agreements dictate the rules for online interactions, essentially serving as modern social contracts. The question then asks which of the listed conclusions can be correctly inferred from this passage. Inference, in this context, means drawing a logical conclusion from the information provided in the passage, even if that conclusion is not explicitly stated. The options suggest various implications of this new form of social contract on power dynamics, the purpose of terms of service, and the relevance of traditional social contracts.

Correct Option:

(b) Only I

Correct Conclusion/s:

I. The power to shape online interactions lies with private entities that own these platforms.

The passage explicitly states that our online actions are dictated by the terms of service of digital platforms, which are controlled by major tech corporations. It further mentions that these private entities can limit our interactions in novel ways. From this, it is reasonable to infer that the power to shape online interactions indeed resides with the private entities that own these platforms.

112. d Question Explanation. The question asks you to identify an assumption implied by the passage provided. An assumption in this context is an unstated premise or belief that underlies the argument or statements made in the passage. It is something the author believes to be true without explicitly stating it in the text. You are to discern which of the given options best represents an underlying belief based on the information and implications of the passage.

Correct Option:

(d) Physical exercise can serve as a preventive measure against certain health conditions.

The passage discusses the negative impacts of sedentary lifestyles on health, including cardiovascular diseases, diabetes, obesity, and mental health issues, and mentions the weakening of muscles and bones due to inactivity. It then asserts the importance of engaging in regular physical activity. The underlying assumption with option d is that physical activity can prevent or mitigate the health issues mentioned, even though the passage does not explicitly state this as a preventive measure. The logic is that since inactivity contributes to these problems, activity (the opposite of inactivity) can prevent or alleviate them.

113. d Question Explanation: The question asks you to identify an assumption made within the provided passage. An assumption is an unstated premise or belief that underpins a conclusion or argument. In this context, you're looking for an underlying belief that supports the observations or conclusions drawn in the passage about gardening, family bonding, and the impact on seniors' health and mental sharpness.

Correct Option:

- (d) There is a link between autonomy in gardening and seniors' health benefits.

The passage suggests that seniors who take the initiative to learn and experiment with gardening techniques on their own exhibit improved physical health and mental sharpness. This implies an assumption that there is a positive correlation between autonomy (or taking initiative) in gardening activities and the health benefits observed in seniors. The study mentioned serves to reinforce this assumption by contrasting the outcomes for seniors who learn and experiment on their own with those who rely on external help.

114. d Question Explanation: The question asks you to identify an underlying assumption in a given passage. An assumption is a statement or idea that is taken for granted as true or as a basis for reasoning, without proof. In the context of the passage, you're looking for a belief or idea implicitly suggested by the information about financial stress among college students, their challenges with financial literacy, and the need for institutional support.

Correct Option:

- (d) Lack of financial literacy exacerbates students' financial problems. The passage explicitly mentions that many students come from backgrounds where financial literacy is not taught, which makes it hard for them to navigate their financial woes. This implies the assumption that a lack of financial literacy worsens students' financial problems, as they struggle to manage or alleviate these issues effectively without the necessary knowledge.

115. b Question Explanation: The question is asking us to identify the underlying assumption(s) in the passage provided about Uber's implementation of surge pricing. An assumption is a belief or statement taken for granted without proof. The passage describes the introduction of surge pricing by Uber, the criticism it received for potentially exploiting consumers during high-demand periods, and the scrutiny from regulators and consumer advocacy groups. The question provides four options, each representing a potential assumption made within the passage. We are to select the option that best aligns with the implicit beliefs or unstated premises in the passage.

Correct Option:

- (b) Regulators and consumer advocacy groups are motivated solely by a desire to protect consumers from exploitation. This assumption is consistent with the passage's focus on criticism from regulators and consumer advocacy groups regarding the potential exploitation of consumers. It assumes that these entities are concerned primarily with protecting consumers' interests, which underlies their scrutiny of surge pricing.

116. b Question Explanation: This question revolves around interpreting an argument presented about the basis for distinguishing between humans and non-human animals concerning rights and dignity. It involves understanding that the argument is premised on the unique capacities of humans for language and complex social interactions, suggesting these are criteria for the allocation of rights and dignities. The task is to identify which assumption(s) are implicit in the passage based on the information given.

Correct Option:
(d) Neither (a) nor (b)
Wrong assumption/s:
(a) Urban areas might have higher rates of noise-induced health issues.
This statement is an inference one might reasonably make based on external knowledge (e.g., urban areas often have higher noise levels due to traffic, industry, etc.), but it is not an assumption made within the passage. The passage does not mention urban areas or compare different environments regarding noise exposure.
(b) Public health campaigns should aim to raise awareness about noise pollution.

This statement suggests a course of action in response to the issues detailed in the passage. However, the passage itself does not make any suggestions or assumptions about what should be done, such as implementing public health campaigns. It merely outlines the negative health effects of noise exposure without prescribing solutions or preventative measures.

125. b **Question Explanation:** The question asks you to identify the underlying assumption(s) made in a passage that argues for banning unregulated social media platforms due to their potential detrimental effects on mental health, particularly among young people. Assumptions are statements or ideas that are taken for granted within an argument but are not directly stated. Identifying the correct assumption involves analysing the passage to determine which idea(s) must be true for the argument to hold up, even if these ideas are not explicitly mentioned in the text.

Correct Option:

(b) Individuals, especially young ones, seek validation through social media interactions.

This assumption is foundational to the argument because the concern over mental health effects is premised on the idea that young people are pursuing likes, shares, and validation on these platforms. The passage discusses how this pursuit can lead to anxiety, depression, and a distorted sense of self-worth, indicating that the argument relies on the understanding that there is an inherent desire among individuals, particularly the youth, to seek validation through their social media presence and interactions.

126. d **Question Explanation:** The question asks for the assumption that is most necessary for the argument in the passage to hold. An assumption is an unstated premise that must be true for the argument's conclusion to be valid. The passage argues that implementing comprehensive drug education and promoting alternative pain management techniques can effectively combat the opioid crisis by reducing dependence on opioids and lowering overdose deaths.

Correct Option:

(d) Neither (a) nor (b)

Wrong Assumption/s:

(a) Most individuals prefer opioids over non-addictive pain management techniques

This is not a necessary assumption for the argument. The passage suggests that educating people about risks and promoting alternatives could change preferences or behaviors regarding pain management, implying that current preferences can be altered or are not fully informed.

(b) The opioid crisis has impacted workforce productivity due to addiction.

While this statement might be true in broader discussions about the impact of the opioid crisis, it is not an assumption required for the argument presented in the passage. The focus here is on reducing addiction and overdose deaths through education and alternative pain management, not on the consequences of the crisis on workforce productivity.

127. c **Question Explanation:** The question asks you to identify the underlying assumptions in a passage about the importance of cybersecurity in the context of the global economy. An assumption is a belief or statement taken for granted without proof. The passage discusses the impact of cyber-attacks on financial institutions, critical infrastructure, and supply chains, emphasizing the importance of cybersecurity measures and international cooperation.

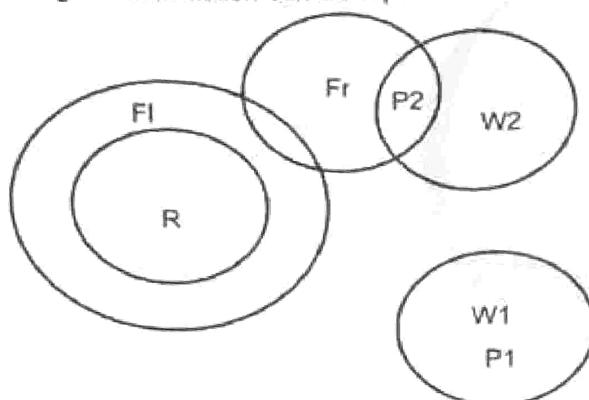
governance of a nation to navigating vast seas, emphasizing the importance of vigilance, foresight, and understanding changes. It mentions the consequences of governance actions on the fate of the people and the state's prosperity or decline. Based on this description, you are to determine which of the provided options best fits as an assumption made within the passage.

Correct Option:

(b) Governance mistakes can lead to a nation's decline. The passage implicitly assumes that how a nation is governed—highlighting the importance of wisdom, vigilance, and the ability to navigate changes—has a direct impact on the state's future, implying that errors or missteps in governance could lead to negative outcomes, including the decline of the state. This is supported by phrases like "in the balance hangs the prosperity or decline of the state," suggesting that the quality of governance can tip the scales toward prosperity or decline. Thus, the assumption that governance mistakes can lead to a nation's decline aligns with the message of the passage.

131. a Only II and III

The given information can be represented in the following diagram:



In the above diagram,

R - Roses, FI - Flowers, Fr - Fragrant flowers, W -Weeds

P - Poison Ivy

Given Poison ivy is a weed

P1 - Poison Ivy is a weed and not fragrant

P2 - Poison Ivy is a weed and is fragrant

132. c Applying the second principle, a copyright infringement cannot take place when a license has been granted by the owner to another party and thus A's suit would not succeed.

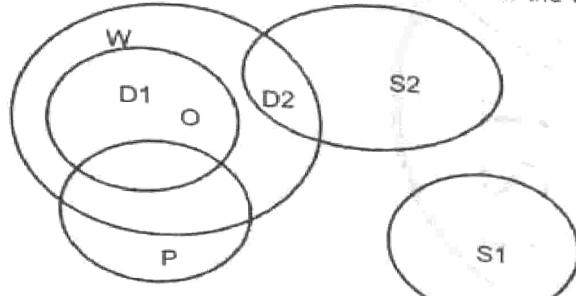
133. d Direct application of principle

134. b A is not liable as he could not have reasonably foreseen such a consequence of his act.

135. a Ann is liable as she had the knowledge that operating with unsterilized knife could result in patient's death.

136. c If 'D' is a polluted water body, it is not safe for swimming.

The given information can be represented in the following diagram:



In the above diagram,

O - Ocean,

W - Water Body

P - Polluted areas, S -Safe swimming areas

S1 - Safe swimming areas with are not water bodies

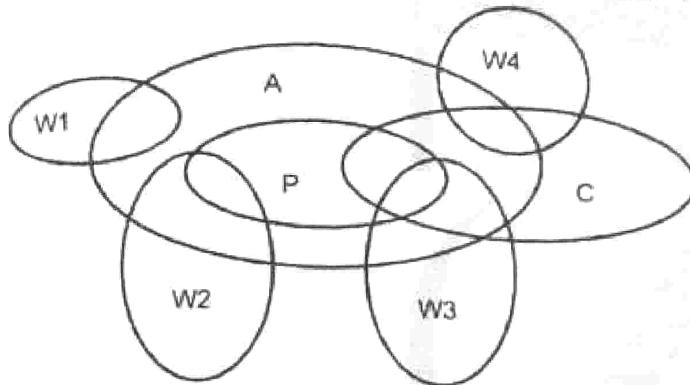
S2 - Safe swimming areas in which a few are water bodies

to maintain economic stability and trust in digital systems
Correct Option
(c) Both (a) and (b)
Correct Assumption/s
(a) Trust in digital systems is crucial for the functioning of the global economy
This is evident in the passage's mention of the potential for cyber-attacks to "undermine trust in digital and financial systems." This implies that trust in these systems is foundational to their operation and the broader economy
(b) Cyber-attacks have significant financial repercussions beyond immediate damage.
The passage refers to the "cost of these attacks," suggesting that there are financial losses associated with cyber-attacks that go beyond the direct damage they cause. This includes implications for global economic stability and the additional complexity of maintaining economic resilience amid other challenges.

128. a Question Explanation: The question is asking to identify the implicit assumption or assumptions made within the given passage. An assumption is a premise that is taken for granted. The passage discusses the impact of multiple devices using the same internet connection on the performance of online activities, such as streaming or gaming. It uses the analogy of water flowing through a pipe to explain how bandwidth behaves similarly to the flow of water - smoothly when unobstructed and in low volume, but disrupted when there's high volume or obstacles
Correct Option:
(a) Bandwidth is a finite resource affected by the number of users.
The passage assumes that bandwidth, like the volume of water a pipe can handle, is limited and can be affected by the number of devices (users) consuming it. This is evident from the comparison to water flow just as water flow can be disrupted by increased volume or obstacles, internet speed and efficiency can be affected by the number of devices connected and using the network. This reflects an understanding that bandwidth is a finite resource that can be exhausted or diminished in quality by heavy usage, leading to buffering or lag during activities that require a stable and fast internet connection
129. d Question Explanation: The question asks you to identify the underlying assumption(s) made in the passage about the rapid advancement and deployment of surveillance technologies, including facial recognition, and the debate between privacy advocates and governments/law enforcement agencies. An assumption is an unstated premise or belief that supports the arguments or conclusions drawn in the passage. In this context, the question is probing for what is implicitly suggested about the effects or existence of technologies related to surveillance but not directly mentioned.
Correct Option:
(d) Neither (a) nor (b)
Wrong Assumption/s.
(a) There exists technology capable of evading surveillance
This assumption is not made in the passage. The debate is centered around the impact of surveillance technologies on privacy and public safety, without discussing the existence or non-existence of counter-surveillance technologies
(b) Citizens might alter behavior under surveillance
Although it's a common psychological and sociological observation that people might change their behavior when they know they are being watched, this specific assumption is not made or implied in the passage. The passage focuses on the broader societal and ethical implications of surveillance, not on the individual psychological effects. The passage discusses the concerns and defenses of surveillance technology without delving into the specifics of how individuals or technology might respond or adapt to surveillance practices.
130. b Question Explanation: The question asks you to identify an underlying assumption made in a given passage about the governance of a nation. An assumption in this context is a belief or idea that is taken for granted but not explicitly stated in the passage. The passage uses metaphorical language to compare the

In the above diagram,
 A - Athletes
 D - Disciplined individuals
 C - Coaches
 S - Strategists
 C's positions - W1, W2, W3
 C1 - Coaches in which a few are disciplined but not athletes
 C2 - Coaches in which a few are disciplined and a few are athletes
 S1 - Strategists in which a few are disciplined but not athletes
 S2 - Strategists in which a few are disciplined and a few are athletes

141. c Only III
 The given information can be represented in the following diagram:



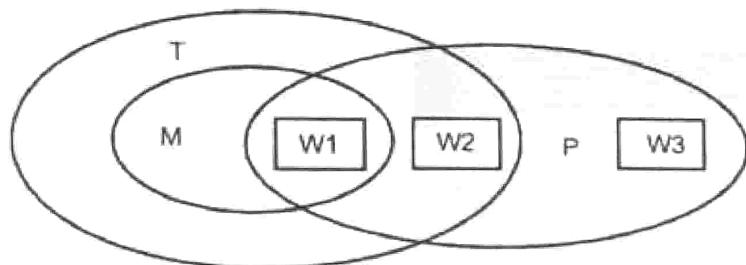
In the above diagram,

A - Animals
 C - Cats
 P - Pets

Wildcats' positions - W1, W2, W3, W4
 W1 - Wildcat is an animal but not a pet of a cat
 W2 - Wildcat is an animal and a pet but not cat
 W3 - Wildcat is an animal, a pet and a cat
 W4 - Wildcat is an animal and a cat but not pet

142. d None of the four conclusions necessarily follow.

The given information can be represented in the following diagram:



In the above diagram,

T - Thinkers
 M - Mathematicians
 P - Philosophers

W's positions - W1, W2, W3
 W1 - W is a philosopher, mathematician and thinker
 W2 - W is a philosopher, thinker but not a mathematician
 W3 - W is a philosopher, but not a thinker and a mathematician

143. c Both 'a' and 'b' are correct.

Let's analyze the given statements for logical consistency.

Statement I: All devices are clothes.

Statement II: Some vehicles are devices.

Statement III: No clothes are vehicles.

Statement IV: Some devices are vehicles.

To determine which sets of statements are inconsistent with each other, let's check them against one another:

1. Comparing Statements I and III directly:

If all devices are clothes (I), and no clothes are vehicles (III), then logically, it should follow that no devices can be vehicles either because they are categorized under clothes, which have no overlap with vehicles.

However, Statement IV says some devices are vehicles, which directly contradicts this derived conclusion. Therefore, Statements

I, III, and IV are inconsistent with each other.

2 Analyzing Statements I, II, and III together

Statement I declares all devices are clothes.

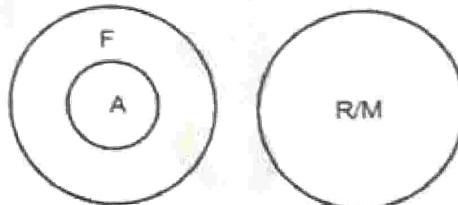
Statement II claims some vehicles are devices, suggesting that there is a subset of vehicles that are also considered devices (and therefore clothes, by Statement I).

Statement III asserts no clothes are vehicles, which contradicts the implication from Statements I and II combined (since some devices, which are clothes, are said to be vehicles in Statement II).

Given these points of contradiction, the correct answer is. c) Both 'a' and 'b' are correct.

144. a) No apples are robots.

The given information can be represented in the following diagram:



In the above diagram,

F - Fruits

A - Apples

R - Robots

M - Machines

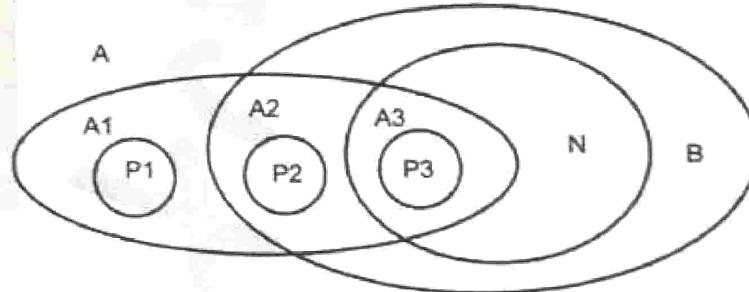
Since All machines are robots and All robots are machines, they are actually the same circle.

As there is no overlap between the Fruits and Machines/Robots we can conclude that No Fruit is a machine/Robot.

As, "All apples are fruits", we can conclude that No apples are robots.

Hence the correct answer is a) No apples are robots.

145. d) The given information can be represented in the following diagram:



In the above diagram,

N - Novelists

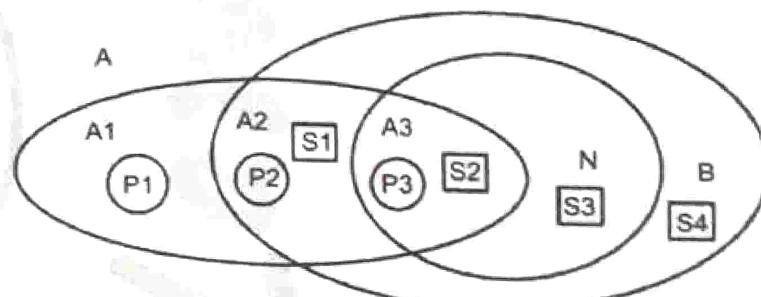
B - Book writers

A1, A2, A3 - Authors

P1, P2, P3 - Poets

146. d) It cannot be determined from the information given.

The given information can be represented in the following diagram:



In the above diagram,

N - Novelists

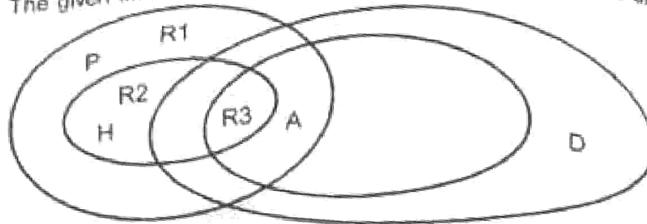
B - Book writers

A1, A2, A3 - Authors

P1, P2, P3 - Poets

S1, S2, S3, S4 - possible cases where Shakespeare can fall in the diagram

137. d. None of the above
 The given information can be represented in the following diagram



In the above diagram,

H - Historians

P - People who study past

A - Archaeologists

D - People who dig

R - Robert

Given Robert studies the past

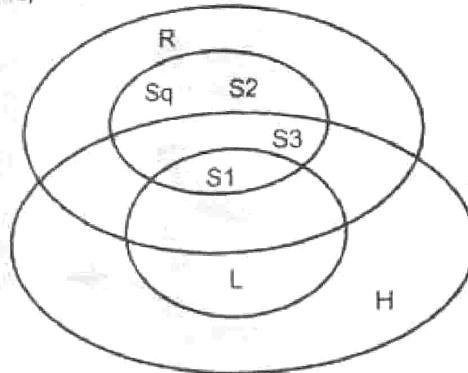
R1 - Robert is neither an archaeologist nor he digs. He is also not a historian (Violates statements II, III, VI)

R2 - Robert is neither an archaeologist nor he digs. But he is a historian (Violates statements II, IV, VI)

R3 - Robert is an archaeologist and he digs. He is also a historian (Violates statements I, IV, V)

138. a. Option (b) violates condition II.
 Option (c) violates condition III.
 Option (d) violates condition IV.
 Only option (a) does not violate any condition. Hence, D-E-A-B-F-C-G can be a possible arrangement.

139. b. If 'S' is large, it must be heavy. The given information can be represented in the following diagram:



In the above diagram,

H - Heavy shapes

L - Large shapes

R - Rectangles

Sq - Squares

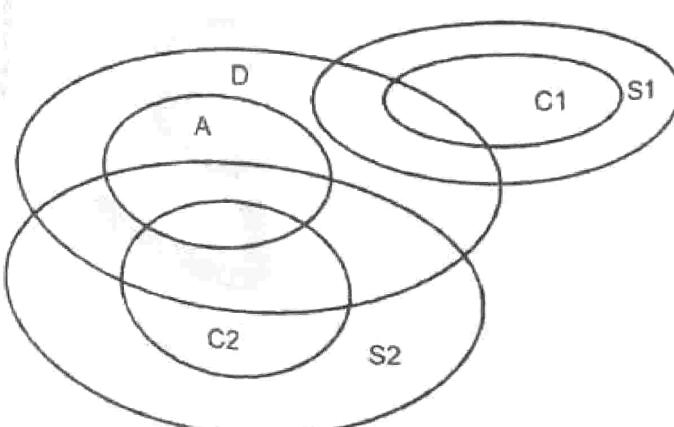
S1 - Where S is a Square, which is large and heavy

S2 - Where S is a Square, which is neither large nor heavy

S3 - Where S is a Square, which is heavy but not large

140. b. II and IV are correct

The given information can be represented in the following diagram:



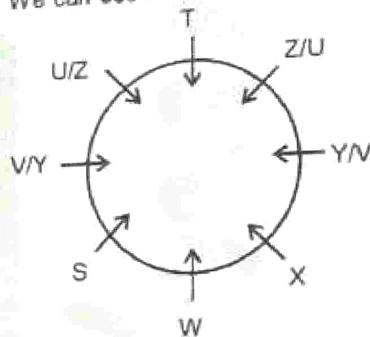
Correct Option:
 (b) The criterion for assigning rights and dignities is based on cognitive and communicative abilities. The passage explicitly makes the assumption that the ability to communicate abstract ideas and engage in sophisticated social constructs is what distinguishes humans from non-human animals, thereby implying this ability as the basis for granting a unique set of rights and dignities. It assumes a direct link between cognitive and communicative capabilities (i.e., language and complex social interactions) and the assignment of rights and dignities.

117. d Let us check each option:
 (a) List A, B, D. It violates condition 1
 (b) List A, B, E. It violates condition 4
 (c) List B, C, D. It violates condition 2
 (d) List B, D. It is correct as no condition rules out B and D going to the same conference

118. c Given that V is interviewed 1st. From (5) we get U in 2nd place. Now the 3rd person to be interviewed can be X or T, so options (a) and (b) are not necessarily true. Similarly W need not necessarily be interviewed immediately after X. So option (d) is not true.
 From (3) and (4) none among W, T and Y can be interviewed last. Hence, the last interview has to be of Z, which makes option (c) true.

119. d Given that U is the 3rd one to be interviewed, V can be 2nd or 4th. Now T, W, X and Y cannot be 7th. Z can be 7th. So the latest position in which Y can be interviewed is sixth.

120. a We can see from the diagram that option (a) is not possible.



121. a The prosecution is justified as the internal enquiry and termination from duty cannot be treated as prosecution and therefore the principle of double jeopardy is not attracted

122. a The confession is valid as Boman has not been compelled to give confession and it is freely obtained.

123. b Question Explanation: The question presents a passage discussing concerns about the impact of violent video games on youth behavior and society. It then asks for the assumption made within this passage. An assumption is an unstated premise upon which an argument is based. In this case, the assumption is the underlying belief necessary for the argument presented in the passage to be valid.

Correct Option:

- (b) Empathy in society is inversely related to exposure to violent games among youths.

This assumption underlies the argument that limiting access to violent video games for minors will foster a more peaceful and empathetic society. It presupposes that exposure to violent video games reduces empathy, and by extension, limiting this exposure will increase empathy and peaceful behavior among youth.

124. d Question Explanation: The question asks you to identify assumptions made within a provided passage about the adverse health effects of chronic exposure to loud noise. An assumption is something taken for granted or accepted as true without proof in the context of the argument or discussion. To answer this question, you must infer what underlying beliefs or unstated premises the passage relies on, based on the information given about the health impacts of loud noise exposure.

avoid fines. This does not assert that all factories with purification systems are exempt, only that it's a possibility for some, depending on the effectiveness and regulatory compliance of their systems.

Wrong Options

I. All factories are now exempt from fines due to the possibility of implementing purification systems.

This statement incorrectly generalizes the premise. While it's true that factories can implement purification systems to avoid fines, the original statements do not claim that all factories have done so or that merely the possibility of implementing such systems exempts them from fines. The exemption is conditional upon the implementation and effectiveness of the purification systems, not just the possibility.

III. Factories without purification systems are subject to fines.

This conclusion oversimplifies the premises. The first premise specifies that fines apply to factories discharging pollutants, not explicitly all factories without purification systems. Some factories might not discharge pollutants into rivers or may use other methods to comply with regulations, thus avoiding fines. This option incorrectly assumes that lacking a purification system directly equates to being fined, ignoring other potential compliance methods.

150. c Only II follows

Explanation: This question involves evaluating logical deductions based on provided premises concerning traffic regulations and the presence of speed limit detection systems in vehicles.

Premises:

Vehicles exceeding the speed limit in designated zones are subject to fines.

Some vehicles are equipped with speed limit detection systems.

Vehicles equipped with functioning speed limit detection systems that alert drivers to exceedances are not fined.

Statement Analysis:

I. All vehicles equipped with speed limit detection systems are immune to fines.

This statement is not entirely accurate. The third premise states that vehicles equipped with functioning speed limit detection systems and that alert drivers to exceedances are not fined. However, it does not cover all vehicles with speed limit detection systems, as some systems may not function correctly or alert drivers effectively. Therefore, statement I is not necessarily true.

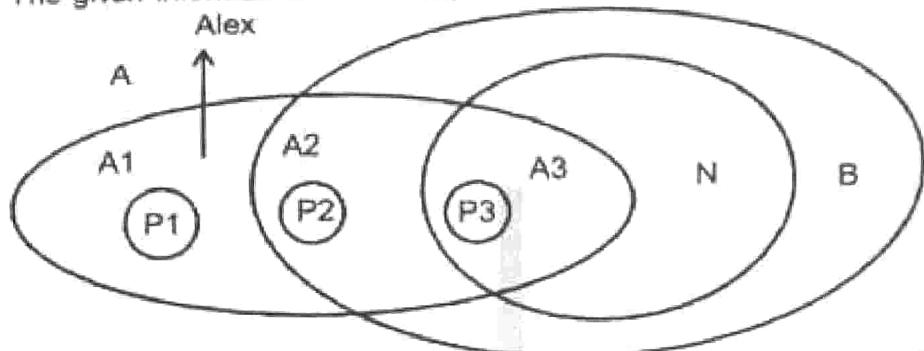
II. Some vehicles exceeding the speed limit may not be subject to fines.

This conclusion logically follows from the premises provided. Since some vehicles are equipped with speed limit detection systems that prevent fines if they function properly, it implies that at least some vehicles exceeding the speed limit might not be fined due to the presence of these systems.

III. Vehicles without speed limit detection systems are always subject to fines.

This statement is not fully supported by the premises. While it's true that vehicles without speed limit detection systems cannot benefit from the exemption provided by premise III, it does not guarantee that they are always subject to fines. Other factors, such as law enforcement discretion or alternative methods of detecting speed violations, could influence whether vehicles without such systems receive fines. Therefore, statement III is not necessarily true.

147. b Alex cannot be a novelist.
The given information can be represented in the following diagram:



In the above diagram,

N - Novelists

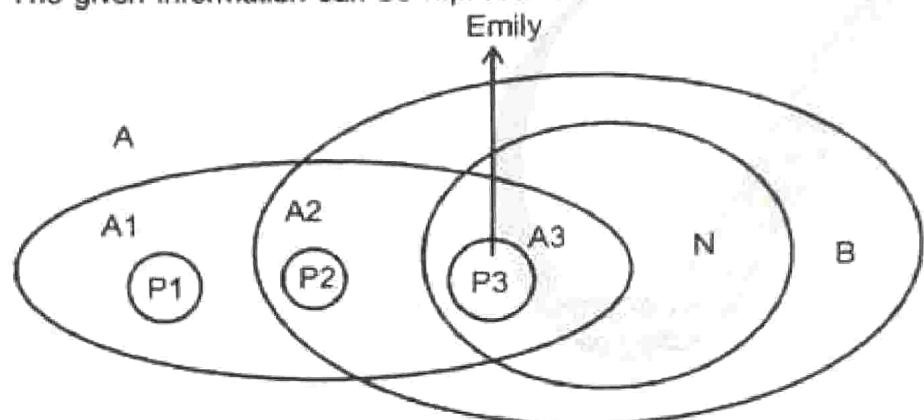
B - Book writers

A1, A2, A3 - Authors

P1, P2, P3 - Poets

148. a Emily writes books and is an author.

The given information can be represented in the following diagram:



In the above diagram,

N - Novelists

B - Book writers

A1, A2, A3 - Authors

P1, P2, P3 - Poets

149. c Question Explanation This question asks you to evaluate the logical consistency of three statements based on the given premises about environmental policies affecting factories. The premises provided are:

1. All factories discharging pollutants into rivers are subject to fines.
2. Some factories have implemented purification systems to reduce pollutants.
3. Factories with purification systems that meet regulatory standards are not fined.

From these premises, you're to determine which of the subsequent statements correctly follows logically.

Correct Option:

(c) Only II follows.

- II. Some factories with purification systems may not be subject to fines.

This conclusion is directly supported by the premises given. Specifically, the third premise states that factories with purification systems meeting regulatory standards are not fined, implying that some factories, by employing effective purification systems, may