DAY 14 ANSWER KEY



ENGLISH LANGUAGE & LOGICAL REASONING

1. Correct Answer: B

Explanation: The passage repeatedly asserts that AI's impact depends on policy — if inclusivity, skilling, and shared infrastructure are prioritised, AI becomes an enabler, not a disruptor.

2. Correct Answer: C

Explanation: While factual and policy-oriented, the passage adopts an analytical tone, recommending specific reforms rather than celebrating or condemning AI.

3. Correct Answer: A

Explanation: The charioteer metaphor emphasizes balance — AI as a guiding companion enabling progress, aligning with augmentation rather than replacement.

4. Correct Answer: D

Explanation: Automation-first strategies are critiqued for empowering monopolies and excluding smaller enterprises, opposing the equitable model of "shared AI infrastructure."

5. Correct Answer: B

Explanation: The passage underscores optimism conditioned on institutional reform — skilling, interoperability, and equity-driven infrastructure.

6. Correct Answer: C

Explanation: The argument assumes that open standards and public investment prevent monopolisation and lockout — otherwise, inequality will persist.

7. Correct Answer: D

Explanation: Empirical support showing inclusive AI policies create broader participation would validate the authors' central premise.

8. Correct Answer: A

Explanation: Critics may claim that even open systems depend on institutional efficiency, which in developing nations can remain uneven.

9. Correct Answer: B

Explanation: It parallels the passage's logic — accessibility in name but limited participation due to control by few entities.

10. Correct Answer: D

Explanation: If monopolies voluntarily open systems, the need for state-led inclusion becomes weaker, undermining their policy recommendation.









Legal Reasoning

11. Answer: A

Explanation- According to Article 22(2) of the Indian Constitution, an arrested person must be informed of the grounds of their arrest within 24 hours and must be produced before a Magistrate within the same time frame. In this scenario, the individual was not produced before a Magistrate within 24 hours due to a strike by lawyers and Magistrates, which is not a valid reason for the delay as per the Constitution. Therefore, the individual's legal representative is correct in claiming that the individual's rights under Article 22 have been violated.

12. Answer: A

Explanation- According to Article 22(1) of the Indian Constitution, every arrested person has the right to consult and be defended by a legal practitioner of their choice. In this scenario, the police have not been able to appoint a legal practitioner for the individual due to lack of funds from the government. However, this does not absolve the police of their responsibility to ensure that the individual's rights under Article 22 are protected. Therefore, the individual's legal representative is correct in claiming that the individual's rights have been violated.

13. Answer: A

Explanation- According to Article 22(2) of the Indian Constitution, an arrested person must be produced before a Magistrate within 24 hours of their arrest. In this scenario, the police have been unable to produce the individual before a Magistrate within 24 hours due to the Magistrate being on leave, which is not a valid reason for the delay as per the Constitution. Therefore, the individual's legal representative is correct in claiming that the individual's rights under Article 22 have been violated.

14. Answer: B

Explanation- According to Article 22(1) of the Indian Constitution, every arrested person has the right to consult and be defend by a legal practitioner of their choice. In this scenario, the police argue that the individual declined to appoint a legal practitioner. If the individual has voluntarily declined their right to consult and be defend by a legal practitioner, their rights under Article 22 would not have been violated. Therefore, the police are correct in this scenario.

15. Answer: D

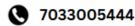
Explanation- Article 22 of the Indian Constitution lays down important rights and provisions for the protection of arrested persons. These include the right to be informed of the grounds for arrest, the right to consult and be defended by a legal practitioner of one's choice, the right to be produced before a Magistrate within 24 hours of arrest and the provision to protect under-trial prisoners from being held in custody for an unduly long period of time. All these rights and provisions play a crucial role in ensuring that arrested persons are treated fairly and with dignity and are protected from human rights violations.

16. Answer: C

Explanation- In this scenario, the person is promised a job in a foreign country, but upon arrival, they are subjected to forced labor and physical and mental abuse. This is a clear case of human trafficking as the person was transported to another location for exploitation. Furthermore, the person is not allowed to leave the premises and is forced to work for long hours without any pay, which constitutes forced labor.







17. Answer: C

Explanation- In this scenario, the person was kidnapped and taken to a remote location where they are forced to work in a mine for long hours without any pay. This is a clear case of human trafficking as the person was transported to another location for exploitation. Furthermore, the person is not allowed to leave the premises and is forced to work for long hours without any pay, which constitutes forced labor.

18. Answer: C

Explanation- In this scenario, the person is promised a job as a nurse in a foreign country, but upon arrival, they are forced to work as a sex worker. This is a clear case of human trafficking as the person was transported to another location for exploitation. Furthermore, the person is physically and mentally abused, not allowed to leave the premises, and is forced to work for long hours without any pay, which constitutes forced labor.

19. Answer: D

Explanation- According to the passage, civil society organizations can contribute to preventing forced labor and trafficking in human beings by creating awareness and preventing such practices, by working with the government to provide rehabilitation to victims, by protecting the rights of workers, and by advocating for the rights of the victims and holding the government accountable for their actions.

20. Answer: A

Explanation- According to the passage, the prohibition of forced labor and trafficking in human beings is a fundamental right in India and is considered to be a crucial aspect of the protection of human rights. This is because forced labor and trafficking in human beings are considered to be forms of exploitation that violate the basic rights of individuals and are considered to be inhumane and degrading.

General Knowledge

Q	Correct	Explanation				
21	В	Passage states origin in Tibet, flows to India then Bangladesh. (P)				
22	В	The passage says China's flow-contribution "comparatively moderate" despite large basin share. (P)				
23	D	Unlimited diversion by India is not mentioned; this is inference. (0)				
24	В	Passage references China's gigawatt-scale dams and diversion tunnels. (P)				
25	В	Passage says India "accelerating development of hydroelectric projects river linking proposals". (P)				
26	В	Passage explicitly states there is "absence of a formal water-sharing treaty" and "limited datasharing". (P)				
27	A	Monsoon rainfall is described as dominant. (P)				
28	В	The strategic ability of China to affect downstream flows is implied. (0)				
29	В	Passage describes Tibetan region as rain-shadow with low precipitation. (P)				
30	D	Passage references India, Bhutan, China as basin states. (P)				



Q	Correct	Explanation		
31	A	Meity mentioned as nodal agency		
32	D	Russia not a semiconductor partner		
33	С	28 nm node noted in passage		
34	С	Incorrect statement; fab relocation not easy		
35	A	Micron ATMP facility stated		
36	С	Both projects in Gujarat		
37	A	DLI scheme for design startups		
38	A	India-U.S. iCET mentioned		
39	Α	COVID & U.SChina tensions context		
40	В	Tata-PSMC JV highlighted		

Quantitative Technique

41. Answer: A. 230 units

Explanation:

Average monthly sales of Fiction books = (200 + 220 + 250 + 230 + 240 + 260) / 6 = 1400 / 6 = 233.33 units Rounded to the nearest whole number = 230 units

42. Answer: C. 50%

Explanation:

Sales of Romance books in January = 100 units Sales of Romance books in June = 150 units

Percentage increase = ((150 - 100) / 100) * 100 = 50%

43. Answer: A. ₹227,500

Explanation:

Revenue from Fiction = 250 * ₹200 = ₹50,000Revenue from Non-Fiction = 180 * ₹250 = ₹45,000

Revenue from Mystery = 200 * ₹150 = ₹30,000

Revenue from Science Fiction = 150 * ₹300 = ₹45,000

Revenue from Romance = 120 * ₹100 = ₹12,000

Total revenue in March = ₹50,000 + ₹45,000 + ₹30,000 + ₹45,000 + ₹12,000 = ₹182,000

44. Answer: B. 9.13%

Explanation:

Sales in January = 180 units

Sales in June = 230 units

CAGR = [(Final Value / Initial Value)^(1 / Number of Periods) - 1] * 100

CAGR = $[(230 / 180)^{(1 / 6)} - 1] * 100 \approx 4.91\%$

45. Answer: C. 198 units

Explanation:

Sales in June = 185 units

Sales in July with 15% increase = 185 * 1.15 = 212.75 units

Sales in August with another 15% increase = $212.75 * 1.15 \approx 194.5$ units ≈ 195 units









Colony	Male	Female	Total
Red	440	360	800
Blue	600	600	1200
Green	600	500	1100
Pink	400	500	900

- 46. C Required Difference = 500 440 = 60
- 47. D Required sum = (360 + 600 + 500 + 500) = 1960
- 48. B Number of males who live in pink flat = 400 Number of peoples who live in Blue flat = 1200 Required percentage = 400/1200 * 100 = 33%
- 49. C Required percentage = (440 + 600 + 600 + 400)/4000 * 100 = 51%
- 50. D Required ratio = 360:600 = 3:5

By Ready For Exam

