

**ENGLISH LANGUAGE & LOGICAL REASONING****1. Correct Answer: B**

**Explanation:** The passage repeatedly stresses that France's invitation signals recognition of India's **approach to AI, shared values, and India's expanding role in emerging technologies**. It does not state that India is replacing or countering anyone; rather, it is being acknowledged.

**2. Correct Answer: C**

**Explanation:** The five themes explicitly listed are:

1. Public Interest AI
2. Future of Work
3. Innovation and Culture
4. Trust in AI
5. Global AI Governance

"Global Trade and Digital Commerce" is not mentioned.

**3. Correct Answer: B**

**Explanation:** The text clearly emphasises India's goal of **democratising AI, bridging the AI divide, and empowering the Global South**.

**4. Correct Answer: C**

**Explanation:** The passage narrates examples:

- France refusing to join sanctions after Pokhran-II in 1998.
- Chirac's visits during difficult periods.

These actions demonstrate **pragmatism and respect for India's autonomy**.

**5. Correct Answer: B**

**Explanation:** The passage highlights India's *very significant energy requirements* and involvement in ITER, a long-horizon global fusion project—indicating long-term strategic investment.

**6. Correct Answer: B**

**Explanation:** If Global South countries see India as a model for inclusive AI, it directly reinforces the claim that India's approach is internationally recognised.

**7. Correct Answer: B**

**Explanation:** The text shows India co-chairing alliances like the International Solar Alliance, CDRI, GPAI leadership in 2024 — indicating a recurring pattern of leadership.

**8. Correct Answer: B**

**Explanation:** Refusing to join sanctions shows France respected India's autonomy, strengthening long-term partnership. This directly illustrates the principle.

### 9. Correct Answer: A

**Explanation:** If France focuses AI investment solely within the EU, it undermines the idea of strategic tech alignment with India.

### 10. Correct Answer: B

**Explanation:** Providing affordable AI tools to developing nations directly reduces the AI divide — perfectly aligning with the passage.

### Legal Reasoning

**11. Ans. (a)** Ritik is not on duty and is acting voluntarily while helping out Ajit. The act was in good faith and therefore can claim defence of a good Samaritan. Therefore, option (a) is the most appropriate answer.

**12. Ans. (a)** The protection is available to people who do not receive reward for the help but here Usha is receiving stipend to help out the Railways. Therefore, option (a) is the most appropriate answer.

**13. Ans. (c)** Usha is a registered volunteer and is acting out of her own will to help people without any favour and therefore can claim protection under good Samaritan. Therefore, option (c) is the most appropriate answer.

**14. Ans. (b)** Suit will succeed as Singh did not take license for cab aggregator service. Option (a) does not give a legal backing to the answer. Therefore, option (b) is the most appropriate answer.

**15. Ans. (c)** As per the new law, services rendered during golden hour can be recovered from the government as is the case here. All the other options are out of context. Theus, option (c) is the right answer.

**16. Ans. (b)** The contract has been given by the State Government for the purpose of a survey. Hence, it will also be the recipient of such data. And the State Government is a 'public authority' by all means. Therefore, the application shall be made before the PIO appointed by the concerned department of the government of SabkaDesh.

**17. Ans. (c)** The request in this situation is before a private company which cannot be deemed to be a 'public authority' in terms of the Act. Hence, Amit & Shah Bros. is not obliged to disclose any data.

**18. Ans. (d)** The only derivation we can make from the decision of the Supreme Court is that Amit & Shah Bros. will be considered 'State', and therefore a 'public authority' under the terms of the RTI Act. Statement II is not true as public authorities are not expected to disclose any information upon the receipt of an RTI application. Statement III is not derivable from the information provided in the passage.

**19. Ans. (c)** None of the above bodies satisfies the definition of 'public authorities' stated in the RTI Act. Refer to the lines, "Public authorities' include bodies of self-government established under the Constitution, or under any law or government notification. For instance, these include Ministries, public sector undertakings, and regulators. It also includes any entities owned, controlled or substantially financed and non-government organizations substantially financed directly or indirectly by funds provided by the government."

**20. Ans. (a)** As per the passage, public authorities are required to make disclosures on various aspects of their structure and functioning. This includes: (i) disclosure on their organization, functions, and structure, (ii) powers and duties of its officers and employees, and (iii) financial information. Now, it can be argued that monthly remuneration would fall under the head of 'financial information', however the same cannot be stated with absolute certainty because the ambit of 'financial information' has not been explained.

**General Knowledge**

**21. Correct Answer: A (1 and 2 only)**

**Explanation:** The passage explicitly states that the proposed merger aims to *synchronize operational protocols* and *reduce dependence on commercial borrowing through unified financing*.

- Statement 1 → **Given in passage**
- Statement 2 → **Given in passage**
- Statement 3 (new alignment) → **Not mentioned**
- Statement 4 (contractual staff) → **Not mentioned**

**22. Correct Answer: B**

**Explanation:**

The passage clearly mentions that **KRCL operates as a PSU with financial autonomy**, distinct from zonal railways. Other options (private contractors, freight-only, Defence ministry) are **not in the passage and factually incorrect**.

**23. Correct Answer: B**

**Explanation:**

The passage states that **Central Railway and South Western Railway** would be relevant zones for operational integration after merger.

Thus Option B is directly supported.

**24. Correct Answer: B**

**Explanation:** The passage mentions that merging cadres would create concerns about *seniority and pension liabilities*.

Hence statement B is correct.

The other options (lack of technical skills, safety training absence, rolling-stock shortage) are **not mentioned**.

**25. Correct Answer: B**

**Explanation:**

The passage highlights that the Konkan route is crucial for **coastal logistics supporting the Sagarmala project**. Other options are not mentioned.

**26. Correct Answer: B**

**Explanation:**

The passage points out vulnerability to **frequent landslides during monsoons**, not deserts, volcanoes or glaciers.

**27. Correct Answer: A**

**Explanation:**

The passage states that KRCL has pioneered innovations such as **anti-collision devices**. The other technologies (hyperloop, maglev, drone systems) are not mentioned.

**28. Correct Answer: B**

**Explanation:**

The passage warns that merger may **dilute KRCL's autonomous innovation culture**, making Option B correct. Other options are neither mentioned nor relevant.

**29. Correct Answer: B**

**Explanation:**

The passage states that KRCL was established under the **Ministry of Railways**. Thus B is correct; others are incorrect.

**30. Correct Answer: B**

**Explanation:**

KRCL integration aligns with the **PM Gati Shakti framework**, as mentioned in the passage. Other mission options not mentioned in the passage.

**31. Correct Answer: A**

**Explanation:**

- PM-KISAN (income support) → **given in passage**
- PKVY (organic farming) → **given in passage**
- PMFBY is *insurance*, not soil testing → **incorrect**
- AIF supports *infrastructure*, not insurance → **incorrect**

**32. Correct Answer: B**

**Explanation:** PKVY promotes **organic, chemical-free farming**

**33. Correct Answer: A**

**Explanation:** NMSA includes RAD and CCSAM

**34. Correct Answer: B**

**Explanation:** MIF under NABARD

**35. Correct Answer: B**

**Explanation:** PMKSY includes these components

**36. Correct Answer: B**

**Explanation:** e-NAM integrates mandis → **given in passage**.

**37. Correct Answer: A**

**Explanation:** AIF promotes cold chains and warehouses → **given in passage**.

**38. Correct Answer: B**

**Explanation:** SHC's goal is nutrient-based fertiliser use → **given in passage.**

**39. Correct Answer: C**

**Explanation:** The passage states KCC now covers **livestock, dairy, fisheries.**

**40. Correct Answer: C**

**Explanation:** TOP crops → **given in passage.**

**Quantitative Technique**

**Passage-I**

**Explanation :**

41. (b) Distance = 600 km  
Time<sub>1</sub> = 300/60 = 5hr  
Time<sub>2</sub> = 300/75 = 4hr  
Average speed = 600/9hr = 66.67km/hr

42. (a) Distance = 600 km  
Time<sub>1</sub> = 200/50 = 4hr  
Time<sub>2</sub> = 200/40 = 5hr  
Time<sub>3</sub> = 200/20 = 10hr  
Average speed = 600/19hr = 31.58km/hr

43. (b) More % =  $10 \times 100/9 = 111.11\%$ , 111%

44. (b) Ratio = 600/19 : 600/9, 9:19

45. (c) Speed =  $600/9 \times 150\% = 100\text{km/hr}$   
Time taken =  $400/100 = 4\text{hrs.}$

**Explanation :**

46. (d) Speed =  $225/15 = 15\text{m/s}$ ,  $15 \times 18/5 = 54\text{km/hr}$

47. (a) Speed =  $(300+150)/45 = 10\text{m/s}$ ,  $10 \times 18/5 = 36\text{km/hr}$

48. (b) Relative speed =  $36-6 = 30\text{km/hr}$

$30 \times 5/18 = 150/18 \text{ m/s}$   
Time =  $300 \times 18/150 = 36 \text{ sec}$

49. (d) Total distance = 450km

Relative Speed =  $36+54 = 90\text{km/hr}$   
Time =  $450/90 = 5 \text{ hr}$   
7 am + 5 hr = 12 pm

50. (b) Distance from Patna Junction =  $5\text{hr} \times 54 \text{ km/hr} = 270 \text{ km}$