

## ENGLISH LANGUAGE &amp; LOGICAL REASONING

1. B

**Explanation:** The author says India faces “an awkward situation” because global responses to India’s positions on Pakistan and trade reveal **limits to mere military capability**, showing that **economic power determines real freedom**.

2. Correct Answer: B

**Explanation:** The passage clearly states the ethic of approbation means criticism, protests, dissent must function **within an implicit norm of approval from authority**.

3. Correct Answer: B

**Explanation:** The passage explicitly states elites practice **self-censorship** due to “dual threats” — government coercion and vigilante pressures.

4. Correct Answer: B

**Explanation:** The author directly says **conformity forms the basis of competitive politics**, and opposition parties avoid strengthening dissent.

5. Correct Answer: C

**Explanation:** The author ends by stating the idea of a critical citizen rests on **public reason**, which is obstructed by conformity, coercion, and institutional alignment.

6. Correct Answer: B

**Explanation:** The principle clearly states genuine freedom requires **protection of dissent**. Given courts restrict dissent and intimidation is present → freedom is lacking.

7. Correct Answer: A

**Explanation:** The author explicitly states military capability is **not enough**, and economic strength + civic freedom are essential.

8. Correct Answer: B

**Explanation:** Convergence weakens oversight → supports the conclusion that oversight is compromised.

9. Correct Answer: C

**Explanation:** The “ideal citizen” described is docile, obedient, and fearful → dissent declines.

10. Correct Answer: B

**Explanation:** Directly from the passage — as critical spaces shrink, **public reasoning weakens**.

**Legal Reasoning**

**11. Ans. (d)** The administrators were under the impression that the golf course will start running after 3 months so they didn't anticipate any possible interceptions of the golf balls, so they can't be held liable for the injury.

**12. Ans. (d)** Though he did not buy anything in the supermarket, he is still a visitor and the onus is on the owners to ensure there is no injury to visitors. Therefore, option (d) is the correct answer.

**13. Ans. (b)** Since Rashi didn't bat an eyelid all the time when they were using her premises, she gave them implicit consent to use her property and once there's an implicit consent, the owner of the property is bound to take reasonable care to ensure the safety of the visitors. In this case, Rashi didn't take reasonable care, so she'll be held liable.

**14. Ans. (b)** The other trespasser will be held liable because she didn't take reasonable care of her property, i.e., the horse, which caused the injury. Therefore, option (b) is the correct answer.

**15. Ans. (b)** Zoo authorities will be held liable because they exposed their visitors to a threat, which they could have easily avoided by installing a metal mesh. Therefore, option (b) is the correct answer.

**16. Ans. (d)** The administrators were under the impression that the golf course will start running after 3 months so they didn't anticipate any possible interceptions of the golf balls, so they can't be held liable for the injury.

**17. Ans. (d)** Though he did not buy anything in the supermarket, he is still a visitor and the onus is on the owners to ensure there is no injury to visitors. Therefore, option (d) is the correct answer.

**18. Ans. (b)** Since Rashi didn't bat an eyelid all the time when they were using her premises, she gave them implicit consent to use her property and once there's an implicit consent, the owner of the property is bound to take reasonable care to ensure the safety of the visitors. In this case, Rashi didn't take reasonable care, so she'll be held liable.

**19. Ans. (b)** The other trespasser will be held liable because she didn't take reasonable care of her property, i.e., the horse, which caused the injury. Therefore, option (b) is the correct answer.

**20. Ans. (b)** Zoo authorities will be held liable because they exposed their visitors to a threat, which they could have easily avoided by installing a metal mesh. Therefore, option (b) is the correct answer.

**General Knowledge**

**21 – C (Given)**

SOAR aligns with IndiaAI Mission.

**22 – A (Given)**

Multi-stakeholder design highlighted.

**23 – D (Partially Given/Not Given)**

1 & 2 given; 3 (maritime systems) not given.

**24 – C (Given)**

Open-access learning for inclusion.

**25 – D (Given)**

Fintech + agritech mentioned.

**26 – C (Given)**

Core objective stated.

**27 – A (Given)**

Interdisciplinary learning described.

**28 – D (Given)**

AI-powered evaluation highlighted.

**29 – B (Given)**

Talent creation improves competitiveness.

**30 – D (Given)**

Infrastructure + instructor shortage mentioned; statement 3 is not given.

**31. Correct Answer: B**

**Explanation:** The passage states that DeepSeek-R1 achieved high performance with extremely low training costs.

**32. Correct Answer: B**

**Explanation:** The passage mentions founding year 2023 and alignment with AI sovereignty. It does NOT say it is government-owned.

**33. Correct Answer: B**

**Explanation:** Passage mentions that open-source release accelerated innovation in Asia, Africa, Latin America.

**34. Correct Answer: B**

**Explanation:** Passage explicitly mentions low-precision quantization.

**35. Correct Answer: B**

**Explanation:** Passage describes DeepSeek as a geopolitical inflection point, reshaping digital order.

**36. Correct Answer: C**

**Explanation:** DeepSeek-Vision-3 is not mentioned in the passage.

**37. Correct Answer: B**

**Explanation:** Passage notes Western concerns about autonomous cyber operations.

**38. Correct Answer: A**

**Explanation:** No reference to satellites.

**39. Correct Answer: B**

**Explanation:** Passage mentions DeepSeek-Coder as coding assistant.

**40. Correct Answer: B**

**Explanation:** Passage ends by describing multipolar AI future.

### Quantitative Technique

#### Passage-I

Student name	Maths marks	Reasoning	Age
A	30	35	--
B	---	35	--
C	40	10	21 yrs
D	25	20	25 yrs

Total age = 96 yrs.

**41. C,  $A+B = 50$**

$A:B = 12:13$

$A = 50 \times 13/25 = 26$  yrs.

**42. (B)**

$C: B = 5:6$

$C'$  total marks =  $40+10 = 50$

Then  $B'$  total marks =  $50/5 \times 6 = 60$

Marks in maths get by B =  $60 - 35 = 25$

**43. (D) Total marks of A = 65**

Total marks of D = 45

More marks =  $65-45 = 20$

% more =  $20 \times 100 / 45 = 44.44\%$

44. D, CND ( marks in math of B is not given, so we can't find ratio of total marks of math to the total marks of reasoning)

45. (C) Marks of C in maths = 40

Marks of D in maths = 25

$\% = 40 \times 100 / 25 =$

$= 160\%$

### Passage-II

#### Explanation :

Maths : Biology =  $4x:5x$

Difference = 45

Difference =  $5x - 4x = x$

$x = 45$

Maths =  $4x$ ,  $4 \times 45 = 180$

Biology =  $5x$ ,  $5 \times 45 = 225$

Marks obtain in Chemistry =  $180/2 = 90$

Marks obtain in Physics =  $90 \times 125\% = 112.5$

Marks obtain in Hindi =  $112.5 \times 2 = 225$

46. (D)

47. (D) NOT total =  $225+225+180+90+112.5 = 832.5$

48. (C)

Chemistry = 90, maths = 180

Less =  $180-90 = 90$

% less =  $90 \times 100/180 = 50\%$

49. Total marks obtain = 832.5

Maximum marks =  $300 \times 6 = 1800$

Obtain % =  $832.5 \times 100 / 1800 = 46.25\%$

50. (A)  $112.5 : 225 : 90 = 5:10:4$