

# CAT

## Sample Question Paper - 2025

Country: IN | Duration: 2 hours | Max Marks: 228 | Language: English

Negative Marking: Yes (-1) | Total Questions: 66 | QuizVerse AI Tutor

---

### General Instructions:

1. This paper contains 66 questions across 3 section(s): Quantitative Aptitude, Verbal Ability & Reading Comprehension, D
2. Duration: 2 hours. Maximum marks: 228.
3. Negative marking: Yes (-1).
4. Read each question carefully before answering.

### Section 1: Quantitative Aptitude (22 Questions)

**Q1. If the ratio of A's income to B's income is 4:3, and A earns Rs. 63000, B earns:**

- (A) Rs. 20000
- (B) Rs. 39000
- (C) Rs. 22000
- (D) Rs. 16000

**Q2. The probability of selecting 4 red balls from a bag of 5 red and 4 blue is:**

- (A)  $14/68$
- (B)  $13/23$
- (C)  $12/59$
- (D)  $8/47$

**Q3. A train 111 m long crosses a pole in 20 s. Its speed is:**

- (A) 54.4 km/h
- (B) 54.2 km/h
- (C) 52.4 km/h
- (D) 26.0 km/h

**Q4. A mixture has milk and water in ratio 7:2. Water added to make ratio 1:1 is:**

- (A) 11 litres
- (B) 10 litres
- (C) 10 litres
- (D) 4 litres

**Q5. The average of 14 numbers is 43. If one number 40 is removed, the new average is:**

- (A) 78.0
- (B) 43.4
- (C) 64.2
- (D) 54.0

**Q6. A mixture has milk and water in ratio 3:2. Water added to make ratio 1:1 is:**

- (A) 20 litres
- (B) 4 litres
- (C) 7 litres
- (D) 3 litres

**Q7. The HCF of 107 and 37 is:**

- (A) 17
- (B) 16
- (C) 12
- (D) 19

**Q8. If the ratio of A's income to B's income is 3:4, and A earns Rs. 76000, B earns:**

- (A) Rs. 40000
- (B) Rs. 33000
- (C) Rs. 45000
- (D) Rs. 39000

**Q9. A and B can do a work in 11 and 18 days. Together they finish in:**

- (A) 6.2 days
- (B) 6.7 days
- (C) 11.3 days
- (D) 11.6 days

**Q10. The average of 7 numbers is 37. If one number 28 is removed, the new average is:**

- (A) 69.1
- (B) 52.0
- (C) 22.4
- (D) 62.3

**Q11. The probability of selecting 4 red balls from a bag of 6 red and 4 blue is:**

- (A)  $\frac{5}{35}$
- (B)  $\frac{17}{58}$
- (C)  $\frac{10}{63}$
- (D)  $\frac{14}{22}$

**Q12. The profit percentage when CP = Rs.191 and SP = Rs.589 is:**

- (A) 23%
- (B) 34%
- (C) 43%
- (D) 26%

**Q13. The HCF of 36 and 160 is:**

- (A) 23
- (B) 31
- (C) 21
- (D) 6

**Q14. A and B can do a work in 19 and 17 days. Together they finish in:**

- (A) 6.5 days
- (B) 8.5 days
- (C) 5.2 days
- (D) 11.6 days

**Q15. The probability of selecting 2 red balls from a bag of 9 red and 6 blue is:**

- (A)  $11/35$
- (B)  $16/77$
- (C)  $17/85$
- (D)  $4/95$

**Q16. In how many ways can 5 people sit around a circular table?**

- (A) 261
- (B) 24
- (C) 4236
- (D) 377

**Q17. A boat goes 21 km upstream and 13 km downstream in 5 hours. The speed of current is:**

- (A) 1 km/h
- (B) 5 km/h
- (C) 4 km/h
- (D) 3 km/h

**Q18. If  $\log_2(8) = x$ , then  $x =$**

- (A) 5
- (B) 6
- (C) 4
- (D) 6

**Q19. If the ratio of A's income to B's income is 7:5, and A earns Rs. 20000, B earns:**

- (A) Rs. 43000
- (B) Rs. 37000
- (C) Rs. 59000
- (D) Rs. 17000

**Q20. The average of 12 numbers is 72. If one number 42 is removed, the new average is:**

- (A) 71.1
- (B) 34.9
- (C) 29.9
- (D) 26.1

**Q21. In how many ways can 3 people sit around a circular table?**

- (A) 1714
- (B) 3204
- (C) 2912
- (D) 2439

**Q22. A and B can do a work in 17 and 22 days. Together they finish in:**

- (A) 6.8 days
- (B) 6.9 days
- (C) 7.6 days
- (D) 5.1 days

## Section 2: Verbal Ability & Reading Comprehension (22 Questions)

**Q23. The word 'ameliorate' most nearly means:**

- (A) improve
- (B) maintain
- (C) worsen
- (D) ignore

**Q24. The word 'pernicious' most nearly means:**

- (A) harmful
- (B) beneficial
- (C) temporary
- (D) neutral

**Q25. The passage's organizational pattern is best described as:**

- (A) Cause and effect
- (B) Spatial
- (C) Chronological
- (D) Compare and contrast

**Q26. The word 'pragmatic' most nearly means:**

- (A) practical
- (B) idealistic
- (C) theoretical
- (D) emotional

**Q27. The word 'ephemeral' most nearly means:**

- (A) mysterious
- (B) powerful
- (C) permanent
- (D) short-lived

**Q28. Which choice provides the most relevant detail?**

- (A) Option C: personal anecdote
- (B) Option D: rhetorical question
- (C) Option B: general statement
- (D) Option A: specific data

**Q29. The word 'ubiquitous' most nearly means:**

- (A) widespread
- (B) rare
- (C) invisible
- (D) expensive

**Q30. The word 'pernicious' most nearly means:**

- (A) neutral
- (B) beneficial
- (C) harmful
- (D) temporary

**Q31. Which choice most effectively combines the underlined sentences?**

- (A) Using 'but'
- (B) Using 'and'
- (C) Using a dash
- (D) Using a semicolon

**Q32. The word 'equivocal' most nearly means:**

- (A) certain
- (B) ambiguous
- (C) rapid
- (D) gentle

**Q33. Which word best completes: 'The scientist's \_\_\_\_ approach led to groundbreaking discoveries.'**

- (A) reckless
- (B) methodical
- (C) timid
- (D) haphazard

**Q34. The function of paragraph 3 is to:**

- (A) Restate the thesis
- (B) Conclude the essay
- (C) Provide a counterargument
- (D) Introduce the topic

**Q35. According to the passage, the primary cause was:**

- (A) Natural disasters
- (B) Social changes
- (C) Political decisions
- (D) Economic factors

**Q36. Which revision would most improve sentence clarity?**

- (A) Using passive voice
- (B) Splitting into two sentences
- (C) Removing the subject
- (D) Adding more adjectives

**Q37. Which sentence best summarizes the main idea?**

- (A) The topic sentence
- (B) None of these
- (C) The last sentence
- (D) The first sentence

**Q38. The graph supports which claim from the passage?**

- (A) Neither claim
- (B) Both claims
- (C) Claim in paragraph 1
- (D) Claim in paragraph 3

**Q39. Which evidence best supports the author's claim?**

- (A) The anecdote in paragraph 1
- (B) The conclusion
- (C) The title
- (D) Statistical data in paragraph 2

**Q40. Which sentence best summarizes the main idea?**

- (A) None of these
- (B) The topic sentence
- (C) The last sentence
- (D) The first sentence

**Q41. The passage's organizational pattern is best described as:**

- (A) Cause and effect
- (B) Spatial
- (C) Chronological
- (D) Compare and contrast

**Q42. The function of paragraph 3 is to:**

- (A) Provide a counterargument
- (B) Conclude the essay
- (C) Restate the thesis
- (D) Introduce the topic

**Q43. The author's central claim is that:**

- (A) Technology is harmful
- (B) Innovation requires risk
- (C) Change is impossible
- (D) Tradition is paramount

**Q44. The word 'ubiquitous' most nearly means:**

- (A) rare
- (B) invisible
- (C) expensive
- (D) widespread

### **Section 3: Data Interpretation & Logical Reasoning (22 Questions)**

**Q45. If all roses are flowers and some flowers are red, which must be true?**

- (A) All roses are red
- (B) All red things are flowers
- (C) No roses are red
- (D) Some flowers may be roses

**Q46. A bar chart shows: 2020=40, 2021=55, 2022=70, 2023=60. The year-on-year growth was highest in:**

- (A) 2023
- (B) 2020
- (C) 2021
- (D) 2022

**Q47. In a coding system, APPLE is coded as 50. What is MANGO coded as?**

- (A) 62
- (B) 55
- (C) 57
- (D) 48

**Q48. Five people sit in a row. A is left of B. C is right of D. E is between A and C. Who is at the rightmost?**

- (A) E
- (B) D
- (C) C
- (D) B

**Q49. In a sequence 2, 6, 12, 20, 30, the next number is:**

- (A) 42
- (B) 40
- (C) 36
- (D) 44

**Q50. If all roses are flowers and some flowers are red, which must be true?**

- (A) No roses are red
- (B) All roses are red
- (C) Some flowers may be roses
- (D) All red things are flowers

**Q51. If A is north of B, B is east of C, then A is in which direction from C?**

- (A) South-West
- (B) North-West
- (C) South-East
- (D) North-East

**Q52. In a tournament with 16 teams (knockout), the total matches played are:**

- (A) 15
- (B) 8
- (C) 16
- (D) 14

**Q53. If Monday is day 1, what day is the 50th day?**

- (A) Sunday
- (B) Thursday
- (C) Saturday
- (D) Friday

**Q54. If the average of 5 numbers is 20 and one number is removed to give average 18, the removed number is:**

- (A) 24
- (B) 20
- (C) 28
- (D) 22

**Q55. If Monday is day 1, what day is the 50th day?**

- (A) Friday
- (B) Saturday
- (C) Thursday
- (D) Sunday

**Q56. From a data table: Sales in Q1 = 100, Q2 = 150, Q3 = 120, Q4 = 180. The average quarterly sales are:**

- (A) 137.5
- (B) 112.5
- (C) 150
- (D) 120

**Q57. From a data table: Sales in Q1 = 100, Q2 = 150, Q3 = 120, Q4 = 180. The average quarterly sales are:**

- (A) 137.5
- (B) 150
- (C) 120
- (D) 112.5

**Q58. If the average of 5 numbers is 20 and one number is removed to give average 18, the removed number is:**

- (A) 22
- (B) 28
- (C) 24
- (D) 20

**Q59. Three friends A, B, C rank 1st, 2nd, 3rd. A is not 1st, B is not 2nd. Who is 1st?**

- (A) B
- (B) B or C
- (C) A
- (D) Cannot determine

**Q60. A pie chart shows Education = 72 degrees. The percentage for education is:**

- (A) 25%
- (B) 30%
- (C) 15%
- (D) 20%

**Q61. If all roses are flowers and some flowers are red, which must be true?**

- (A) All red things are flowers
- (B) No roses are red
- (C) All roses are red
- (D) Some flowers may be roses

**Q62. Three friends A, B, C rank 1st, 2nd, 3rd. A is not 1st, B is not 2nd. Who is 1st?**

- (A) A
- (B) B
- (C) B or C
- (D) Cannot determine

**Q63. In a coding system, APPLE is coded as 50. What is MANGO coded as?**

- (A) 62
- (B) 57
- (C) 55
- (D) 48

**Q64. If Monday is day 1, what day is the 50th day?**

- (A) Thursday
- (B) Saturday
- (C) Friday
- (D) Sunday

**Q65. From a data table: Sales in Q1 = 100, Q2 = 150, Q3 = 120, Q4 = 180. The average quarterly sales are:**

- (A) 120
- (B) 112.5
- (C) 137.5
- (D) 150

**Q66. A pie chart shows Education = 72 degrees. The percentage for education is:**

- (A) 20%
- (B) 25%
- (C) 15%
- (D) 30%

# Answer Key

Q1: (B)	Q2: (A)	Q3: (A)	Q4: (D)	Q5: (D)
Q6: (D)	Q7: (D)	Q8: (C)	Q9: (D)	Q10: (A)
Q11: (D)	Q12: (C)	Q13: (A)	Q14: (B)	Q15: (D)
Q16: (A)	Q17: (A)	Q18: (B)	Q19: (B)	Q20: (B)
Q21: (D)	Q22: (B)	Q23: (A)	Q24: (A)	Q25: (A)
Q26: (A)	Q27: (D)	Q28: (D)	Q29: (A)	Q30: (C)
Q31: (D)	Q32: (B)	Q33: (B)	Q34: (C)	Q35: (D)
Q36: (B)	Q37: (D)	Q38: (C)	Q39: (D)	Q40: (D)
Q41: (A)	Q42: (A)	Q43: (B)	Q44: (D)	Q45: (D)
Q46: (C)	Q47: (C)	Q48: (D)	Q49: (A)	Q50: (C)
Q51: (D)	Q52: (A)	Q53: (C)	Q54: (C)	Q55: (B)
Q56: (A)	Q57: (A)	Q58: (B)	Q59: (B)	Q60: (D)
Q61: (D)	Q62: (C)	Q63: (B)	Q64: (B)	Q65: (C)
Q66: (A)				

QuizVerse AI Tutor - CAT Sample Paper 2025 [English]

[www.quizverse.ai](http://www.quizverse.ai) | Powered by IntelliVerse X