

CAT

Sample Question Paper - 2022

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

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

Q2. If the ratio of A's income to B's income is 4:3, and A earns Rs. 63000, B earns:

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

Q3. The HCF of 36 and 160 is:

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

Q4. In how many ways can 5 people sit around a circular table?

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

Q5. The profit percentage when CP = Rs.242 and SP = Rs.613 is:

- (A) 62%
- (B) 28%
- (C) 59%
- (D) 47%

Q6. A train 257 m long crosses a pole in 20 s. Its speed is:

- (A) 30.8 km/h
- (B) 34.6 km/h
- (C) 30.5 km/h
- (D) 48.4 km/h

Q7. The average of 7 numbers is 37. If one number 28 is removed, the new average is:

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

Q8. A and B can do a work in 14 and 20 days. Together they finish in:

- (A) 6.2 days
- (B) 6.3 days
- (C) 6.4 days
- (D) 10.8 days

Q9. If $\log_2(64) = x$, then $x =$

- (A) 3
- (B) 5
- (C) 5
- (D) 4

Q10. A boat goes 26 km upstream and 23 km downstream in 6 hours. The speed of current is:

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

Q11. If the ratio of A's income to B's income is 7:3, and A earns Rs. 52000, B earns:

- (A) Rs. 34000
- (B) Rs. 10000
- (C) Rs. 57000
- (D) Rs. 48000

Q12. A train 119 m long crosses a pole in 23 s. Its speed is:

- (A) 59.4 km/h
- (B) 34.5 km/h
- (C) 29.0 km/h
- (D) 36.7 km/h

Q13. The profit percentage when CP = Rs.191 and SP = Rs.589 is:

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

Q14. In how many ways can 4 people sit around a circular table?

- (A) 4407
- (B) 3210
- (C) 1258
- (D) 2256

Q15. A boat goes 30 km upstream and 22 km downstream in 7 hours. The speed of current is:

- (A) 5 km/h
- (B) 1 km/h
- (C) 3 km/h
- (D) 2 km/h

Q16. The profit percentage when CP = Rs.258 and SP = Rs.439 is:

- (A) 46%
- (B) 51%
- (C) 25%
- (D) 73%

Q17. The probability of selecting 2 red balls from a bag of 9 red and 6 blue is:

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

Q18. A mixture has milk and water in ratio 7:2. Water added to make ratio 1:1 is:

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

Q19. The compound interest on Rs. 20000 at 11% for 3 years is:

- (A) Rs. 4435
- (B) Rs. 20339
- (C) Rs. 11517
- (D) Rs. 17938

Q20. The compound interest on Rs. 32000 at 9% for 3 years is:

- (A) Rs. 28741
- (B) Rs. 15937
- (C) Rs. 29882
- (D) Rs. 18416

Q21. The HCF of 98 and 66 is:

- (A) 28
- (B) 28
- (C) 21
- (D) 22

Q22. A boat goes 21 km upstream and 13 km downstream in 5 hours. The speed of current is:

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

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

Q23. The word 'pragmatic' most nearly means:

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

Q24. Which sentence best summarizes the main idea?

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

Q25. Which word best completes: 'The scientist's ____ approach led to groundbreaking discoveries.'

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

Q26. Which rhetorical device does the author employ in line 15?

- (A) Hyperbole
- (B) Alliteration
- (C) Onomatopoeia
- (D) Analogy

Q27. Which best describes the relationship between the two passages?

- (A) Complementary
- (B) Contradictory
- (C) Sequential
- (D) Unrelated

Q28. The author's central claim is that:

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

Q29. Which sentence best summarizes the main idea?

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

Q30. The passage's organizational pattern is best described as:

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

Q31. According to the passage, the primary cause was:

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

Q32. The author's central claim is that:

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

Q33. The word 'pernicious' most nearly means:

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

Q34. The passage's organizational pattern is best described as:

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

Q35. The function of paragraph 3 is to:

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

Q36. The word 'ephemeral' most nearly means:

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

Q37. The author uses the metaphor to:

- (A) illustrate complexity
- (B) add humor
- (C) confuse readers
- (D) digress

Q38. Which transition would best connect sentences 3 and 4?

- (A) Meanwhile
- (B) However
- (C) Therefore
- (D) Similarly

Q39. Which revision would most improve sentence clarity?

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

Q40. Which evidence best supports the author's claim?

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

Q41. The word 'ubiquitous' most nearly means:

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

Q42. The primary purpose of the passage is to:

- (A) describe a scene
- (B) tell a story
- (C) argue a position
- (D) list facts

Q43. The word 'ameliorate' most nearly means:

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

Q44. Which transition would best connect sentences 3 and 4?

- (A) Similarly
- (B) Therefore
- (C) However
- (D) Meanwhile

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

Q45. In a sequence 2, 6, 12, 20, 30, the next number is:

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

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

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

Q47. 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

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

Q49. From a data table: Sales in Q1 = 100, Q2 = 150, Q3 = 120, Q4 = 180. The average quarterly sales are:

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

Q50. A pie chart shows Education = 72 degrees. The percentage for education is:

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

Q51. 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) B
- (C) C
- (D) D

Q52. If Monday is day 1, what day is the 50th day?

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

Q53. In a sequence 2, 6, 12, 20, 30, the next number is:

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

Q54. 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

Q55. In a tournament with 16 teams (knockout), the total matches played are:

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

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

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

Q57. In a tournament with 16 teams (knockout), the total matches played are:

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

Q58. If all roses are flowers and some flowers are red, which must be true?

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

Q59. A pie chart shows Education = 72 degrees. The percentage for education is:

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

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

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

Q61. In a coding system, APPLE is coded as 50. What is MANGO coded as?

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

Q62. From a data table: Sales in Q1 = 100, Q2 = 150, Q3 = 120, Q4 = 180. The average quarterly sales are:

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

Q63. If all roses are flowers and some flowers are red, which must be true?

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

Q64. In a sequence 2, 6, 12, 20, 30, the next number is:

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

Q65. In a coding system, APPLE is coded as 50. What is MANGO coded as?

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

Q66. 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) C
- (B) D
- (C) B
- (D) E

Answer Key

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

QuizVerse AI Tutor - CAT Sample Paper 2022 [English]

www.quizverse.ai | Powered by IntelliVerse X