

APTITUDE PREPARATION QUESTION PAPER – SET 3

For BCA Students – Placement Preparation Workshop

Total Questions: 50 Time: 60 Minutes

SECTION A: QUANTITATIVE APTITUDE (1–20)

1. What is 12.5% of 400?
a) 40 b) 45 c) 50 d) 55
2. If the sum of three consecutive numbers is 72, find the middle number.
a) 22 b) 23 c) 24 d) 25
3. Find the value of $(24 \div 6) \times 8$.
a) 24 b) 30 c) 32 d) 36
4. A man buys an article for ₹800 and sells it for ₹920. Find the profit percentage.
a) 10% b) 12% c) 15% d) 18%
5. The average of 10 numbers is 18. What is their total?
a) 160 b) 170 c) 180 d) 190
6. Find the square root of 225.
a) 12 b) 13 c) 14 d) 15
7. If $4x + 6 = 30$, find x.
a) 5 b) 6 c) 7 d) 8
8. Convert 2.5 hours into minutes.
a) 120 b) 135 c) 150 d) 165
9. Find the simple interest on ₹12,000 at 6% per annum for 2 years.
a) ₹1,200 b) ₹1,320 c) ₹1,440 d) ₹1,560
10. If the ratio of cost price to selling price is 4:5, find the profit percentage.
a) 20% b) 22% c) 25% d) 30%
11. What is the cube of 6?
a) 196 b) 216 c) 256 d) 296
12. Find the LCM of 12 and 18.
a) 24 b) 36 c) 48 d) 54
13. What is $\frac{3}{8}$ expressed as a decimal?
a) 0.325 b) 0.375 c) 0.425 d) 0.625
14. A bus travels 150 km in 3 hours. What is its speed?
a) 45 km/hr b) 50 km/hr c) 55 km/hr d) 60 km/hr
15. Find the area of a rectangle with length 10 cm and breadth 6 cm.
a) 50 sq cm b) 55 sq cm c) 60 sq cm d) 65 sq cm
16. What is the value of $11^2 - 7^2$?
a) 60 b) 64 c) 72 d) 80
17. Convert 0.2 into percentage.
a) 2% b) 10% c) 20% d) 25%
18. If 30% of a number is 90, find the number.
a) 270 b) 280 c) 300 d) 320
19. Find the HCF of 20 and 30.
a) 5 b) 10 c) 15 d) 20

20. What is 15% less than 200?
a) 160 b) 165 c) 170 d) 175

SECTION B: LOGICAL REASONING (21–35)

21. Find the next number: 3, 9, 27, 81, ?

- a) 162 b) 216 c) 243 d) 324

22. Which one is the odd one out?

- a) Chair b) Table c) Bed d) Fan

23. If BOOK = 2665, then PEN = ?

- a) 1645 b) 1654 c) 1546 d) 1456

24. Arrange logically: Seed, Tree, Fruit, Plant

- a) 1,4,2,3 b) 1,2,4,3 c) 4,1,2,3 d) 1,3,4,2

25. Find the odd one out:

- a) Gold b) Silver c) Iron d) Plastic

26. If A = 1, B = 2, Z = 26, what is the value of DOG?

- a) 24 b) 26 c) 28 d) 30

27. Statements: All cars are vehicles. All vehicles are machines. Conclusion: All cars are machines.

- a) True b) False c) Cannot be determined d) None

28. Find the missing letter: Z, X, V, T, ?

- a) R b) S c) P d) Q

29. If today is Wednesday, what day will it be after 20 days?

- a) Monday b) Tuesday c) Wednesday d) Thursday

30. Which word does not belong to the group?

- a) Compiler b) Interpreter c) Assembler d) Keyboard

31. Find the odd pair:

- a) Eye–See b) Ear–Hear c) Nose–Taste d) Skin–Feel

32. Teacher is to School as Doctor is to:

- a) Patient b) Hospital c) Medicine d) Nurse

33. Find the next term: 1, 3, 6, 10, ?

- a) 13 b) 14 c) 15 d) 16

34. If East becomes North, then South becomes?

- a) East b) West c) North d) South

35. Find the odd one out:

- a) Circle b) Square c) Triangle d) Cube

SECTION C: VERBAL ABILITY (36–50)

36. Choose the synonym of "Silent":

- a) Loud b) Quiet c) Angry d) Fast

37. Choose the antonym of "Increase":

- a) Grow b) Expand c) Reduce d) Multiply

38. Fill in the blank: They _____ playing cricket now.

- a) is b) was c) are d) were

39. Identify the correctly spelled word:

- a) Recieve b) Receive c) Receeve d) Receve

40. Choose the correct sentence:

- a) She has completed the work b) She have completed the work c) She had complete the work d) She completing the work

41. Choose the synonym of "Strong":

- a) Weak b) Powerful c) Soft d) Thin

42. One who repairs machines is called a:

- a) Engineer b) Mechanic c) Electrician d) Technician

43. Choose the correct preposition: He is interested _____ music.

- a) on b) in c) at d) for

44. Fill in the blank: Each of the students _____ a book.

- a) have b) has c) are d) were

45. Identify the error: She did not completed the assignment.

- a) She b) did not c) completed d) assignment

46. Choose the antonym of "Permanent":

- a) Fixed b) Stable c) Temporary d) Constant

47. Choose the correct article: He is _____ MBA graduate.

- a) a b) an c) the d) no article

48. Choose the synonym of "Happy":

- a) Sad b) Angry c) Joyful d) Tired

49. Identify the part of speech of the word "honestly":

- a) Noun b) Verb c) Adjective d) Adverb

50. Choose the correct passive voice: The manager approved the proposal.

- a) The proposal is approved by the manager b) The proposal was approved by the manager c) The proposal has approved by the manager d) The proposal is being approved by the manager

ANSWER KEY – SET 3

1-c, 2-c, 3-c, 4-c, 5-c, 6-d, 7-b, 8-c, 9-c, 10-c, 11-b, 12-b, 13-b, 14-b, 15-c, 16-b, 17-c, 18-c, 19-b, 20-c, 21-c, 22-d, 23-a, 24-a, 25-d, 26-d, 27-a, 28-a, 29-d, 30-d, 31-c, 32-b, 33-c, 34-a, 35-d, 36-b, 37-c, 38-c, 39-b, 40-a, 41-b, 42-b, 43-b, 44-b, 45-c, 46-c, 47-b, 48-c, 49-d, 50-b