

APTITUDE PREPARATION QUESTION PAPER – SET 2

For BCA Students – Placement Training Workshop

Total Questions: 50 Time: 60 Minutes

SECTION A: QUANTITATIVE APTITUDE (1–20)

1. What is 15% of 240?
a) 30 b) 36 c) 40 d) 45
2. The ratio of ages of A and B is 4:5. If A is 20 years old, what is B's age?
a) 22 b) 24 c) 25 d) 30
3. Find the value of $18 \times 12 \div 6$.
a) 24 b) 30 c) 36 d) 42
4. The average of 6 numbers is 15. What is their sum?
a) 80 b) 85 c) 90 d) 95
5. A shopkeeper gains 10% by selling a product for ₹550. What is the cost price?
a) ₹450 b) ₹480 c) ₹500 d) ₹520
6. Find the square of 17.
a) 289 b) 272 c) 256 d) 300
7. If $5x = 45$, find x.
a) 7 b) 8 c) 9 d) 10
8. How many minutes are there in 3.5 hours?
a) 180 b) 200 c) 210 d) 240
9. Find the simple interest on ₹8,000 at 5% per annum for 3 years.
a) ₹1,000 b) ₹1,200 c) ₹1,400 d) ₹1,600
10. If the selling price is ₹900 and profit is ₹150, find the cost price.
a) ₹700 b) ₹720 c) ₹750 d) ₹780
11. What is the cube root of 512?
a) 6 b) 7 c) 8 d) 9
12. Find the LCM of 10 and 15.
a) 20 b) 25 c) 30 d) 45
13. What is 0.6 expressed as a fraction?
a) $\frac{3}{5}$ b) $\frac{2}{5}$ c) $\frac{6}{10}$ d) $\frac{4}{5}$
14. A car covers 300 km in 5 hours. What is its speed?
a) 50 km/hr b) 55 km/hr c) 60 km/hr d) 65 km/hr
15. Find the perimeter of a rectangle of length 8 cm and breadth 5 cm.
a) 20 cm b) 24 cm c) 26 cm d) 28 cm
16. What is the value of $9^2 - 5^2$?
a) 36 b) 44 c) 56 d) 64
17. Convert $\frac{3}{4}$ into decimal.
a) 0.25 b) 0.50 c) 0.75 d) 1.25
18. If a number is multiplied by 4, the result is 96. Find the number.
a) 20 b) 22 c) 24 d) 26
19. Find the HCF of 16 and 24.
a) 4 b) 6 c) 8 d) 12

20. What is 20% more than 150?
a) 170 b) 175 c) 180 d) 185

SECTION B: LOGICAL REASONING (21–35)

21. Find the next number: 5, 10, 20, 40, ?

- a) 45 b) 60 c) 80 d) 100

22. Which one is the odd one out?

- a) Laptop b) Tablet c) Smartphone d) Television

23. If PEN = 165, then INK = ?

- a) 75 b) 80 c) 85 d) 90

24. Arrange logically: Birth, School, Job, Retirement

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

25. Find the odd one out:

- a) Rose b) Lily c) Lotus d) Apple

26. If A = 1, Z = 26, what is the value of CAT?

- a) 22 b) 24 c) 26 d) 27

27. Statements: Some books are pens. All pens are pencils. Conclusion: Some books are pencils.

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

28. Find the missing letter: B, D, F, H, ?

- a) I b) J c) K d) L

29. If Monday is coded as 1, Tuesday as 2, what is Friday coded as?

- a) 4 b) 5 c) 6 d) 7

30. Which word does not belong to the group?

- a) Mouse b) Keyboard c) Monitor d) Printer

31. Find the odd pair:

- a) Doctor–Hospital b) Teacher–School c) Driver–Road d) Pilot–Airport

32. Water is to Thirst as Food is to:

- a) Taste b) Hunger c) Energy d) Health

33. Find the next term: 2, 6, 12, 20, ?

- a) 24 b) 28 c) 30 d) 32

34. If North-East becomes South-West, then South becomes?

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

35. Find the odd one out:

- a) January b) March c) April d) December

SECTION C: VERBAL ABILITY (36–50)

36. Choose the synonym of "Brave":

- a) Coward b) Bold c) Weak d) Calm

37. Choose the antonym of "Ancient":

- a) Old b) Past c) Modern d) Historic

38. Fill in the blank: She _____ to office every day.

- a) go b) goes c) going d) gone

39. Identify the correctly spelled word:

- a) Acheive b) Achieve c) Acheeve d) Achive

40. Choose the correct sentence:

- a) He don't know the answer b) He doesn't knows the answer c) He doesn't know the answer d) He didn't know the answer

41. Choose the synonym of "Smart":

- a) Lazy b) Intelligent c) Weak d) Dull

42. One who studies the stars is called a:

- a) Geologist b) Astronomer c) Biologist d) Scientist

43. Choose the correct preposition: She is afraid _____ dogs.

- a) from b) of c) with d) for

44. Fill in the blank: Either of the answers _____ correct.

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

45. Identify the error: He did not went to college yesterday.

- a) He b) did not c) went d) yesterday

46. Choose the antonym of "Victory":

- a) Success b) Win c) Loss d) Gain

47. Choose the correct article: She adopted _____ honest child.

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

48. Choose the synonym of "End":

- a) Stop b) Begin c) Start d) Open

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

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

50. Choose the correct passive voice: They are cleaning the room.

- a) The room is cleaned by them b) The room was cleaned by them c) The room is being cleaned by them d) The room has cleaned by them

ANSWER KEY – SET 2

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