

# Quantitative Aptitude Questions with Options and Answers for BBA Entrance Exam

1. If the sum of two numbers is 30 and their difference is 10, find the numbers.

- a) 15, 15
- b) 20, 10
- c) 25, 5
- d) 18, 12
- Answer: b) 20, 10

2. Solve for  $(x)$ :  $(2x + 3 = 11)$ .

- a) 3
- b) 4
- c) 5
- d) 6
- Answer: b) 4

3. What is the value of  $(\frac{3}{4})$  of 100?

- a) 50
- b) 60
- c) 70
- d) 75
- Answer: b) 75

4. Find the simple interest on \$1500 at a rate of 5% per annum for 2 years.

- a) \$150
- b) \$125
- c) \$200
- d) \$75
- Answer: a) \$150

5. A train travels at a speed of 60 km/h. How long will it take to cover 180 km?

- a) 2 hours
- b) 3 hours
- c) 4 hours
- d) 5 hours
- Answer: b) 3 hours

6. If the ratio of the ages of A and B is 3:4 and the sum of their ages is 28, find their ages.

- a) 12, 16
- b) 10, 18
- c) 15, 13

- d) 9, 19
- Answer: a) 12, 16

7. Calculate the area of a rectangle with a length of 12 cm and a breadth 8 cm.

- a) 96 sq cm
- b) 104 sq cm
- c) 80 sq cm
- d) 92 sq cm
- Answer: a) 96 sq cm

8. What is 25% of 200?

- a) 50
- b) 45
- c) 40
- d) 60
- Answer: a) 50

9. If a car travels 150 km in 3 hours, what is its average speed?

- a) 30 km/h
- b) 50 km/h
- c) 45 km/h
- d) 60 km/h
- Answer: b) 50 km/h

10. Solve for  $(y)$ :  $(3y - 5 = 16)$ .

- a) 5
- b) 7
- c) 6
- d) 8
- Answer: c) 7

11. What is the perimeter of a square with a side length of 10 cm?

- a) 30 cm
- b) 40 cm
- c) 50 cm
- d) 60 cm
- Answer: b) 40 cm

12. If a man can type 50 words per minute, how many words can he type in half an hour?

- a) 1000
- b) 750
- c) 1500
- d) 2000
- Answer: c) 1500

13. Find the value of  $\sqrt{3^2 + 4^2}$ .

- a) 25
- b) 20
- c) 12
- d) 30
- Answer: a) 25

14. What is the smallest prime number?

- a) 1
- b) 2
- c) 3
- d) 4
- Answer: b) 2

15. A shopkeeper buys a pen for \$10 and sells it for \$15. What is his profit percentage?

- a) 30%
- b) 40%
- c) 50%
- d) 60%
- Answer: c) 50%

16. If  $x + y = 10$  and  $x - y = 4$ , find the values of  $x$  and  $y$ .

- a) 6, 4
- b) 7, 3
- c) 8, 2
- d) 9, 1
- Answer: a) 7, 3

17. Calculate the volume of a cube with a side length of 5 cm.

- a) 125 cu cm
- b) 100 cu cm
- c) 150 cu cm
- d) 75 cu cm
- Answer: a) 125 cu cm

18. Simplify  $15 \times 3 - 5$ .

- a) 35
- b) 40
- c) 45
- d) 30
- Answer: d) 30

19. Find the mean of the numbers: 3, 7, 5, 10, 8.

- a) 5.6
- b) 6.6
- c) 7.6
- d) 8.6
- Answer: b) 6.6

20. Solve for  $z$ :  $4z = 64$ .

- a) 12
- b) 16
- c) 18
- d) 20
- Answer: b) 16

21. If 40% of a number is 80, find the number.

- a) 180
- b) 200
- c) 150
- d) 220
- Answer: b) 200

22. How many sides does a pentagon have?

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

23. If the cost price of an item is \$120 and it is sold at \$150, find the profit percentage.

- a) 20%
- b) 25%
- c) 30%
- d) 35%
- Answer: b) 25%

24. What is the median of the numbers: 8, 3, 5, 10, 9?

- a) 5
- b) 8
- c) 7
- d) 9
- Answer: b) 8

25. Simplify  $\frac{8}{16} + \frac{4}{8}$ .

- a) 1
- b) 0.5

- c) 1.5
- d) 2
- Answer: a) 1

26. What is the square root of 144?

- a) 10
- b) 11
- c) 12
- d) 13
- Answer: c) 12

27. If the perimeter of a triangle is 30 cm and its sides are in the ratio 3:4:5, find the length of each side.

- a) 6 cm, 8 cm, 10 cm
- b) 5 cm, 10 cm, 15 cm
- c) 9 cm, 12 cm, 15 cm
- d) 8 cm, 10 cm, 12 cm
- Answer: a) 6 cm, 8 cm, 10 cm

28. Calculate the compound interest on \$1000 for 2 years at 5% per annum.

- a) \$110.25
- b) \$100
- c) \$102.50
- d) \$105
- Answer: a) \$110.25

29. What is the probability of getting a head in a single toss of a fair coin?

- a)  $\frac{1}{4}$
- b)  $\frac{1}{3}$
- c)  $\frac{1}{2}$
- d) 1
- Answer: c)  $\frac{1}{2}$

30. If  $(7x = 49)$ , find the value of  $(x)$ .

- a) 5
- b) 6
- c) 7
- d) 8
- Answer: c) 7