

Zomato Aptitude Placement Paper

1. A man can row 5 km/hr in still water. If the speed of the stream is 3 km/hr, how long will it take to row 16 km downstream?

- a) 1 hour
- b) 2 hours
- c) 3 hours
- d) 4 hours

Answer: b

2. The ratio of ages of A and B is 3:4. If the sum of their ages is 28 years, what is the age of A?

- a) 12 years
- b) 14 years
- c) 16 years
- d) 18 years

Answer: a

3. What will be the compound interest on ₹12,000 at 10% per annum for 2 years compounded annually?

- a) ₹2,520
- b) ₹2,400
- c) ₹2,640
- d) ₹2,500

Answer: c

4. A train 150 meters long is running at a speed of 60 km/hr. How much time will it take to cross a platform 300 meters long?

- a) 20 seconds
- b) 25 seconds
- c) 30 seconds
- d) 35 seconds

Answer: c

5. If the sum of two numbers is 50 and their difference is 20, what is the larger number?

- a) 15
- b) 25
- c) 35
- d) 45

Answer: c

6. What is the value of $23+32-42^3 + 3^2 - 423+32-4$?

- a) 9
- b) 13
- c) 14
- d) 15

Answer: b

7. A shopkeeper marks an article at ₹800 and gives a 10% discount. What is the selling price of the article?

- a) ₹700
- b) ₹720
- c) ₹750
- d) ₹760

Answer: b

8. A car covers 300 km in 5 hours. What is its average speed?

- a) 50 km/hr
- b) 55 km/hr
- c) 60 km/hr
- d) 65 km/hr

Answer: c

9. If $x:y=5:3$: $y = 5 : 3$ $x:y=5:3$ and $y:z=2:1$: $z = 2 : 1$ $y:z=2:1$, then $x:z$: $z:x$ is:

- a) 10 : 3
- b) 5 : 1
- c) 15 : 6
- d) 20 : 3

Answer: a

10. What is the least number which, when divided by 6, 7, 8, 9, and 12, leaves the remainder 1 in each case?

- a) 251
- b) 361
- c) 421
- d) 505

Answer: d

11. If the cost price of an item is ₹500 and the profit is 20%, what is the selling price?

- a) ₹550
- b) ₹600
- c) ₹650
- d) ₹700

Answer: b

12. Find the missing term in the sequence: 2, 6, 12, 20, ?

- a) 26
- b) 30
- c) 32
- d) 36

Answer: c

13. The area of a rectangle is 96 sq. units, and its length is 12 units. What is its breadth?

- a) 6 units
- b) 8 units
- c) 10 units
- d) 12 units

Answer: b

14. Simplify: $(3+5) \times 2 - 6 \div 3(3+5) \times 2 - 6 \div 3$

- a) 14
- b) 15
- c) 16
- d) 17

Answer: c

15. The sum of the first 10 natural numbers is:

- a) 50
- b) 55
- c) 60
- d) 65

Answer: b

16. A person travels 120 km at 60 km/hr and returns the same distance at 40 km/hr. What is the average speed?

- a) 48 km/hr
- b) 50 km/hr
- c) 52 km/hr
- d) 54 km/hr

Answer: a

17. If $a+b=10$ and $a-b=6$, what is the value of $a \times b$?

- a) 16
- b) 20
- c) 24
- d) 25

Answer: b

18. The simple interest on ₹5,000 for 3 years at 6% per annum is:

- a) ₹750
- b) ₹900
- c) ₹1,000
- d) ₹1,200

Answer: b

19. A can complete a task in 12 days, and B can complete the same task in 8 days. How many days will they take together?

- a) 4.8 days
- b) 5 days
- c) 6 days
- d) 7 days

Answer: a

20. Find the value of $\sqrt{121} + \sqrt{81}$.

- a) 15
- b) 18
- c) 20
- d) 22

Answer: d

21. If the perimeter of a square is 48 cm, what is the area?

- a) 100 sq. cm
- b) 121 sq. cm
- c) 144 sq. cm
- d) 196 sq. cm

Answer: c

22. The HCF of 24 and 36 is:

- a) 6
- b) 8
- c) 12
- d) 18

Answer: c

23. A bottle contains 3 liters of milk. If 1 liter is replaced by water, what is the ratio of milk to water in the mixture?

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

Answer: a

24. The value of $9! \div 7!9! \div 7!$ is:

- a) 72
- b) 81
- c) 108
- d) 18

Answer: a

25. What is the median of the numbers: 5, 7, 9, 12, 15, 20?

- a) 9
- b) 10.5
- c) 12
- d) 13.5

Answer: b

26. If $2x+3=11$, then $x=?$

- a) 2
- b) 3
- c) 4
- d) 5

Answer: c

27. A sum of ₹10,000 is divided among A, B, and C in the ratio 3:4:5. How much does B get?

- a) ₹3,000
- b) ₹4,000
- c) ₹5,000
- d) ₹6,000

Answer: b

28. The probability of rolling a 4 on a fair die is:

- a) $\frac{1}{6}$
- b) $\frac{1}{4}$
- c) $\frac{1}{2}$
- d) $\frac{1}{3}$

Answer: a

29. If $3x = 12$, what is the value of x ?

- a) $\frac{1}{4}$
- b) $\frac{1}{3}$
- c) 4
- d) 36

Answer: c

30. Simplify: $(5^2 - 2^2)^3$

- a) 6
- b) 7
- c) 8
- d) 9

Answer: d