

## **AMDL Aptitude Model Placement Papers**

1. What is the next number in the sequence 2, 5, 10, 17, ?
A) 24
B) 26
C) 28
D) 30
Answer: A) 24
2. If a man can complete a work in 10 days, how many days will he take to complete the same work with 5 men?
A) 2
B) 3
C) 4
D) 5
Answer: B) 2
3. The ratio of ages of Ram and Shyam is 3:4. After 6 years, the ratio becomes 4:5. What is the present age of Ram?
a) 18 years
b) 24 years
c) 30 years
d) 36 years



## Answer: B) 24 years 4. What is the least common multiple (LCM) of 12 and 15? A) 30 B) 60 C) 120 **D) 180** Answer: B) 60 5. A train 120 meters long crosses a platform in 30 seconds. If the speed of the train is 60 km/hr, what is the length of the platform? A) 180 meters B) 200 meters **C) 220 meters** D) 240 meters Answer: D) 200 meters 6. If a sum of money triples in 10 years, what is the rate of interest? A) 10% B) 12% C) 15%

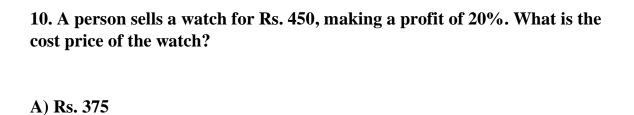
D) 20%



Answer: A) 10%
7. What is the value of $(2^3 + 3^2) \times 2$ ?
A) 36
B) 40
C) 50
D) 56
Answer: B) 40
8. The average of 5 consecutive numbers is 30. What is the largest of these numbers?
A) 32
B) 33
C) 34
D) 35
Answer: C) 34
9. A car travels 30 km in 40 minutes. What is the speed of the car in $km/h$ ?
A) 40 km/h
B) 45 km/h
C) 50 km/h
D) 60 km/h



## Answer: C) 45 km/h





Answer: A) Rs. 375

11. What is the compound interest on Rs. 1000 for 2 years at 10% per annum, compounded annually?

- A) Rs. 200
- B) Rs. 210
- C) Rs. 220
- D) Rs. 250

**Answer: B) Rs. 210** 

12. What is the value of the expression:  $(4 \times 5) \div (2 + 3)$ ?

- **A) 4**
- B) 5
- **C**) 6



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D) 8
Answer: A) 4
13. In a class of 40 students, 25% are absent on a given day. How many students are present?
A) 30
B) 28
C) 32
D) 35
Answer: A) 30  14. A clock shows the time as 3:00. What is the angle between the hour and minute hands?
A) 60 degrees
B) 90 degrees
C) 120 degrees
D) 150 degrees
Answer: B) 90 degrees
15. If a man spends 60% of his income on rent and 30% on food, how much percent of his income is left?

A) 5%

B) 10%



- C) 15%
- D) 20%

**Answer: B) 10%**