

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

10. A person sells a watch for Rs. 450, making a profit of 20%. What is the cost price of the watch?

- A) Rs. 375**
- B) Rs. 380**
- C) Rs. 385**
- D) Rs. 400**

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**

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%