Aptitude Test

1. Express a speed of 36 kmph in meters per second?
   A. 10 mps
   B. 12 mps
   C. 14 mps
   D. 17 mps
   \textbf{Answer:} Option A

2. Express 25 mps in kmph?
   A. 15 kmph
   B. 99 kmph
   C. 90 kmph
   D. None
   \textbf{Answer:} Option C

3. The speed of a train is 90 kmph. What is the distance covered by it in 10 minutes?
   A. 15 kmph
   B. 12 kmph
   C. 10 kmph
   D. 5 kmph
   \textbf{Answer:} Option A

4. A car covers a distance of 624 km in 6 ½ hours. Find its speed?
   A. 104 kmph
B. 140 kmph
C. 104 mph
D. 10.4 kmph

**Answer:** Option A

5. A and B complete a work in 6 days. A alone can do it in 10 days. If both together can do the work in how many days?

A. 3.75 days
B. 4 days
C. 5 days
D. 6 days

**Answer:** Option A

6. A can do a piece of work in 4 days. B can do it in 5 days. With the assistance of C they completed the work in 2 days. Find in how many days can C alone do it?

A. 10 days
B. 20 days
C. 5 days
D. 4 days

**Answer:** Option B

7. A, B and C can do a piece of work in 24, 30 and 40 days respectively. They start the work together but C leaves 4 days before the completion of the work. In how many days is the work done?

A. 15 days
B. 14 days
8. 5 men and 12 boys finish a piece of work in 4 days, 7 men and 6 boys do it in 5 days. The ratio between the efficiencies of a man and boy is?

A. 1:2  
B. 2:1  
C. 2:3  
D. 6:5

Answer: Option D

9. A and B can finish a work in 16 days while A alone can do the same work in 24 days. In how many days B alone will complete the work?

A. 56  
B. 48  
C. 36  
D. 58

Answer: Option B

10. Some persons can do a piece of work in 12 days. Two times the number of these people will do half of that work in?

A. 3 days  
B. 4 days  
C. 6 days  
D. 12 days
11. What number has a 5:1 ratio to the number 10?
A. 42  
B. 50  
C. 55  
D. 62  
Answer: Option A

12. Two same glasses are respectively 1/4th 1/5th full of milk. They are then filled with water and the contents mixed in a tumbler. The ratio of milk and water in the tumbler is?
A. 3:8  
B. 9:31  
C. 8:21  
D. 10:27  
Answer: Option B

13. A and B entered into a partnership investing Rs.25000 and Rs.30000 respectively. After 4 months C also joined the business with an investment of Rs.35000. What is the share of C in an annual profit of Rs.47000?
A. Rs.18000  
B. Rs.15000  
C. Rs.17000  
D. Rs.14000  
Answer: Option D
14. In how many years does a sum of Rs. 5000 yield a simple interest of Rs. 16500 at 15% p.a.?

A. 22
B. 24
C. 25
D. 23

**Answer:** Option A

15. The radius of a circle is increased by 1%. Find how much % does its area increases?

A. 1.01%
B. 5.01%
C. 3.01%
D. 2.01%

**Answer:** Option D