## 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

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

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

Answer: Option A
4. A car covers a distance of 624 km in $61 / 2$ 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
C. 13 days
D. 11 days

Answer: Option D
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

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

Answer: Option B
12. Two same glasses are respectively $1 / 4$ th $1 / 5$ th 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

