

APTITUDE QUIZ

Q1. The distance between two places A and B is 320 km. A car departs from place A for place B at a speed of 55 kmph at 7 am. Another car departs from place B for place A at a speed of 45 kmph at 11 am. At what time will both the cars meet each other?

- (a) 11 am
- (b) 12 noon
- (c) 1 pm
- (d) 12 : 30 pm
- (e) 1 : 30 pm

Q2. A man rows to a place 210 km away and comes back to the starting point. If the speed of the stream is 3 kmph and the speed of the boat in still water is 18 kmph, then what is the total time taken by him?

- (a) 24 hours
- (b) 25 hours
- (c) 26 hours
- (d) 22 hours
- (e) 28 hours

Q3. A person travelled a distance of 30 km in 8 hours. He travelled partly on foot at the rate of 3 kmph and partly on bicycle at the rate of 5 kmph. The distance travelled on foot is?

- (a) 14 km
- (b) 15 km

- (c) 16 km
- (d) 17 km
- (e) 20 km

Q4. A plane left 30 min later than its scheduled time to reach its destination 1500 km away. In order to reach in time, it increases its speed by 250 km/hr. What is its original speed?

- (a) 1000 km/hr
- (b) 750 km/hr
- (c) 600 km/hr
- (d) 800 km/hr
- (e) 650 km/hr

Q5. The distance between 2 places R and S is 42 km. Anita starts from R with a uniform speed of 4 km/h towards S and at the same time Romita starts from S towards R also with some uniform speed. They meet each other after 6 hours. The speed of Romita is

- (a) 18 km/hr
- (b) 20 km/hr
- (c) 3 km/hr
- (d) 8 km/hr
- (e) 6 km/hr

Q6. A boat moves downstream at the rate of 1 km in 7 1/2 minutes and upstream at the rate of 5 km an hour. What is the speed of the boat in the still water?

- (a) 8 km/hr
- (b) 6 1/2 km/hr

- (c) 4 km/hr
- (d) $3 \frac{1}{2}$ km/hr
- (e) $5 \frac{1}{2}$ km/hr

Q7. The fare of a bus is Rs x for the first five kilometers and Rs 13 per kilometer thereafter. If a passenger pays Rs 2,402/- for a journey of 187 kilometers, what is the value of x?

- (a) Rs 29/-
- (b) Rs 39/-
- (c) Rs 36/-
- (d) Rs 31/-
- (e) Rs. 38/-

Q8. A train covers 180 km distance in 4 hours. Another train covers the same distance in 1 hour less than that by previous train. What is the difference in the distances covered by these trains in one hour if they are moving in the same direction?

- (a) 45 km
- (b) 9 km
- (c) 40 km
- (d) 42 km
- (e) 15 km

Q9. If a man cycles at 10 kmph, then he arrives at a certain place at 1 pm. If he cycles at 15 kmph, he will arrive at the same place at 11 am. At what speed must he cycle to get there at noon?

- (a) 11 kmph

- (b) 12 kmph
- (c) 13 kmph
- (d) 14 kmph
- (e) 16 kmph

Q10. Two boats A and B start towards each other from two places, 108 km apart. Speeds of the boats A and B in still water are 12 kmph and 15 kmph respectively. If A proceeds downstream and B upstream, they will meet after.

- (a) 4.5 hours
- (b) 4 hours
- (c) 5.4 hours
- (d) 6 hours
- (e) 8.4 hours

Directions (11-15): What will come in place of question mark (?) in the following number series?

Q11. 7, 20, 46, 98, 202, ?

- (a) 420
- (b) 410
- (c) 310
- (d) 320
- (e) 405

Q12. 210, 209, 213, 186, 202, ?

- (a) 138
- (b) 77
- (c) 177
- (d) 327

(e) 187

Q13. 27, 38, 71, 126, 203, ?

- (a) 212
- (b) 202
- (c) 301
- (d) 312
- (e) 302

Q14. 435, 354, 282, 219, 165, ?

- (a) 103
- (b) 112
- (c) 120
- (d) 130
- (e) 140

Q15. 173, 369, 538, 682, 803, ?

- (a) 884
- (b) 867
- (c) 903
- (d) 1003
- (e) 906

ANSWERS

1. B

2. A

3. B

4. B

5. C

6. B

7. C

8. E

9. B

10. B

11. B

12. B

13. E

14. C

15. C