ANUSHKA ACADEMY

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 1/2km/hr

(c) 4 km/hr

(d) 3 1/2 km/hr

(e) 5 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