TIME AND DISTANCE MCQ

Q 1. How many seconds does Puja take to cover a distance of 500 m, if she runs at a speed of 30 km/hr?

a) 60 sec

b) 82 sec

c) 95 sec

d) 100 sec

Correct answer: (a)

Q 2. A cyclist covers a distance of 800 meter in 4 minutes 20 seconds. What is the speed in km/hr of the cyclist?

a) 6.2 km/h

b) 8.4 km/hr

c) 11.05 km/hr

d) 16.07 km/hr

Correct answer: (c)

Q 3. A man walking at the rate of 6 km/hr crosses a bridge in 15 minutes. The length of the bridge is _____.

a. 1000 m

b. 1250 m

c. 1500 m

d. 1800 m

Correct answer: (c)

Q 4. Two girls move in opposite directions, one from A to B and other from B to A. The girl from A reaches the destination in 16 hrs and girl from B reaches her destination in 25 hrs, after having met. If former's speed is 25 km/hr, what will be the speed of latter?

a) 10 km/hr

b) 12 km/hr

c) 16 km/hr

d) 20 km/hr

Correct answer: (d)

Q 5. Two buses start at the same time, one from P to Q and the other from Q to P. If both buses reach after 4 hours and 16 hours at Q and P respectively after they cross each other, what would be the ratio of speeds of the bus starting from P and that of the one starting from point Q?

a. 2 : 1

b. 1 : 2

c. 2 : 2

d. 1 : 4

Correct Option: (a)

Q 6. Two towns P & Q are 275 km apart. A motorcycle rider starts from P towards Q at 8 a.m. at the speed of 25 km/hr. Another rider starts from Q towards P at 9 a.m. at the speed of 20 km/hr. Find at what time they will cross each other?

a. 2.45 p.m.

b. 2.30 p.m.

c. 1.35 p.m.

d. 1.15 p.m.

Correct answer: (b)

Q 7. An aeroplane flying 1000 km covers the first 200 km at the rate of 200 km/hr, the

second 200 km at 400 km/hr, the third 200 km at 600 km / hr & last 200 km at the rate of 800 km/hr. Determine the average speed of the aeroplane.

a. 250 km/hr

b. 300 km/hr

c. 480 km/hr

d. 600 km/hr

Correct answer: (c)

Q 8. Jennifer travels first 4 hours of her journey at a speed of 80 miles/hr and the remaining distance in 6 hours at a speed of 30 miles/hr. What is her average speed in miles/hr?

a. 50 miles / hr

b. 60 miles / hr

c. 75 miles / hr

d. 92 miles / hr

Correct answer (a)

Q 9. A can do a work in 15 days and B in 20 days. If they work on it together for 4 days, then the fraction of the work that is left is :

A. 1/4

B. 1/10

C. 7/15

D. 8/15

Answer: Option D

Q10. A, B and C can do a piece of work in 20, 30 and 60 days respectively. In how many days can A do the work if he is assisted by B and C on every third day?

A. 12 days

B. 15 days

C. 16 days

D. 18 days

Answer: Option B

Q11. A alone can do a piece of work in 6 days and B alone in 8 days. A and B undertook to do it for Rs. 3200. With the help of C, they completed the work in 3 days. How much is to be paid to C?

A. Rs. 375

B. Rs. 400

C. Rs. 600

D. Rs. 800

Answer: Option B

Q12. If 6 men and 8 boys can do a piece of work in 10 days while 26 men and 48 boys can do the same in 2 days, the time taken by 15 men and 20 boys in doing the same type of work will be:

A. 4 days

B. 5 days

C. 6 days

D. 7 days

Answer: Option A

Q13. A can do a piece of work in 4 hours; B and C together can do it in 3 hours, while A and C together can do it in 2 hours. How long will B alone take to do it?

A. 8 hours

B. 10 hours

C. 12 hours

D. 24 hours

Answer: Option C

Q14. A can do a certain work in the same time in which B and C together can do it. If A and B together could do it in 10 days and C alone in 50 days, then B alone could do it in:

A. 15 days

B. 20 days

C. 25 days

D. 30 days

Answer: Option C

Q15. A can finish a work in 18 days and B can do the same work in 15 days. B worked for 10 days and left the job. In how many days, A alone can finish the remaining work?

A. 5

B. 5 1/2

C. 6

D. 8

Answer: Option C

Q16. 4 men and 6 women can complete a work in 8 days, while 3 men and 7 women can complete it in 10 days. In how many days will 10 women complete it?

A. 35

B. 40

C. 45

D. 50

Answer: Option B

Q17. A and B can together finish a work 30 days. They worked together for 20 days and then B left. After another 20 days, A finished the remaining work. In how many days A alone can finish the work?

A. 40

B. 50

C. 54

D. 60

Answer: Option D

Q18. 10 women can complete a work in 7 days and 10 children take 14 days to complete the work. How many days will 5 women and 10 children take to complete the work?

A. 3

B. 5

C. 7

D. Cannot be determined

E. None of these

Answer: Option C