TIME ,DISTANCE, AND SPEED 2B

ROLL.NO, SEC: 21331A0569(CSE-2B)   Submitted Time : 19 Mar 2023 - 11:56AM

SCORE

○ Correct	93.3%	14
○ Wrong	6.7%	1
○ Skipped	0%	0

14 / 15   93%

Note: This score is not final

1. Two men start together to walk a certain distance, one at 4 km per hour and another at 3 km per hour . The former arrives half an hour before the latter .find the distance

a)6km

1/1 Marks

2. A train travels 225 km in 3.5 hours and 370 km in 5 hours .Find the average speed of the train .

70 kmph

1/1 Marks

3. A man by motorcycle goes from Delhi to bharatpur , a distance of 192 k. , at an average speed of 32 kmph .Another man starts from Delhi by car 2.5h after the motorcyclist starts and reaches bharatpur half an hour late .what is the Ratio of person on motorcycle to the person going by car ?

2:3

1/1 Marks

4. A tiger is 50 of its own leaps behind a deer . The Tiger takes 5 leaps per minutes to deers 4 .if the Tiger and the deer cover 8m and 5m per leap respectively. what distance will the Tiger have to run before it catches the deer ?

800m

1/1 Marks

5. Every Sunday, Giri jogs 3 miles . For the rest of the week ,each day he jogs 1 mile more than the previous day.How many miles does giri jog in 2 weeks?

84

1/1 Marks

6. If a child walks at the rate of 5 m/min from his home ,he is 6 min late for school, if he walks at the rate of 7m/min.he reaches half an hour earlier .How far is his school from his home ?

630

1/1 Marks

7. if a man can cover 12 metres in one second, how many kms can he cover in 3hours 45 min?

162 kms

1/1 Marks

8. A car traveling with 5/7 of its actual speed covers 42km in 1 hrs 40 min 48 sec . What is the actual speed of the car ?

35 km /hr

1/1 Marks

9. A man covered a certain distance at some speed. if he had moved 3kmph faster, he would have taken 40 min less.if he had moved 2 kmph slower,he would have taken 40 minutes more .what is the distance in km?

40

1/1 Marks

10. Two boys starts from the same place walking at the rate of 5 kmph and 5.5 kmph respectively in the same direction. What time will they take to be 8.5km apart?

17hr

1/1 Marks

11. Robert is traveling on his cycle and has calculated to reach point A at 2 P.M .if he travels at 10 kmph ,he will reach there at 12 noon if he travels at 15 kmph .At what speed must he travel to reach A at 1 P.M ?

12 kmph

1/1 Marks

12. A farmer travelled a distance of 61km in 9 hours.He travelled partly on foot @ 4km/hr and partly on bicycle @ 9 km/hr .The distance travelled on foot is :

16km

1/1 Marks

13. A man complete a journey in 10 hours .He travels first half of the journey at the rate of 21 km/hr and second half at the rate of 24 km/hr .Find the total journey in km

224km

0/1 Marks

14. A and B walk around a circular track. A and B walks at a speed of 2 rounds per hour and 3 rounds per hour respectively. if they start at 8 a.m from the same point in opposite directions, how many times shall they cross each other before 9:30 a.m?

7

1/1 Marks

15. A car travels first 160 km at 64 km/hr and The next 160km at 80 km/hr .what is the average speed for the first 320km of the tour ?

71.11km/hr