BLOGS

Speed, Time and Distance Questions for CLAT 2025

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CLAT 2025 is in a few months. Attempt these Speed, Time and Distance Questions for CLAT and test your preparation today!

QUESTIONS

1. Two trains, A and B, are 500 km apart. Train A travels towards Train B at 80 km/h, while Train B travels towards Train A at 100 km/h. How long will it take for the two trains to meet?

a) 2.5 hours

b) 3 hours

c) 3.5 hours

d) 4 hours

2. A car travels at a constant speed of 60 km/h for 2 hours, then decreases its speed to 50 km/h for another 3 hours. What is the total distance covered?

a) 250 km

b) 270 km

c) 290 km

d) 320 km

3. A plane flies at 400 km/h for the first half of a journey and 600 km/h for the second half. If the total journey time is 5 hours, how long is the entire journey?

a) 2250 km

b) 2400 km

c) 2500 km

d) 3000 km

4. Two cyclists start from the same point and travel in opposite directions. One cyclist travels at 18 km/h and the other at 22 km/h. How far apart will they be after 3 hours?

a) 90 km

b) 100 km

c) 120 km

d) 160 km

5. A car travels at 100 km/h for 2 hours and then slows down to 60 km/h for the next 3 hours. What is its average speed for the entire journey?

a) 80 km/h

b) 70 km/h

c) 75 km/h

d) 85 km/h

6. Two trains are moving in opposite directions on parallel tracks. Train A moves at 90 km/h, and Train B moves at 60 km/h. If they are 450 km apart, how long will it take for them to meet?

a) 3 hours

b) 3.5 hours

c) 4 hours

d) 2.5 hours

7. A person travels by car at 40 km/h for 2 hours, then speeds up to 70 km/h for the next 3 hours. What is the total distance traveled?

a) 190 km

b) 230 km

c) 250 km

d) 290 km

8. Two cars are 300 km apart and move towards each other on the same road. Car A travels at 80 km/h, and Car B travels at 100 km/h. How long will it take for them to meet?

a) 1.5 hours

b) 3 hours

c) 2 hours

d) 3.5 hours

9. Runner A travels at 12 m/s, and Runner B travels at 15 m/s. If they start at the same time, how far ahead will Runner B be after 20 seconds?

a) 60 meters

b) 80 meters

c) 100 meters

d) 120 meters

10. Two trains are traveling on parallel tracks. Train A travels at 120 km/h, and Train B travels at 150 km/h in the same direction. If they start at the same point, how far will Train B be ahead after 3 hours?

a) 190 km

b) 90 km

c) 135 km

d) 75 km

11. A bus travels at 60 km/h for 6 hours and then 75 km/h for another 2 hours. What is its average speed for the entire journey?

a) 65 km/h

b) 68 km/h

c) 72 km/h

d) 70 km/h

12. A car travels at a constant speed of 50 km/h for 3 hours and then speeds up to 70 km/h for another 4 hours. What is the total distance covered?

a) 410 km

b) 450 km

c) 440 km

d) 430 km

13. Two cars start from the same point and move in opposite directions. Car A travels at 90 km/h, and Car B travels at 110 km/h. How far apart will they be after 4 hours?

a) 720 km

b) 800 km

c) 640 km

d) 900 km

14. Two runners, Runner A and Runner B, are 450 meters apart. Runner A runs towards Runner B at a speed of 10 m/s, while Runner B runs towards Runner A at a speed of 5 m/s. How long will it take for them to meet?

a) 30 seconds

b) 25 seconds

c) 20 seconds

d) 15 seconds

15. Two trains start from the same point and travel in opposite directions. Train A travels at 75 km/h, and Train B travels at 85 km/h. How far apart will they be after 6 hours?

a) 960 km

b) 900 km

c) 1020 km

d) 1025 km

ANSWERS

1. A
2. B
3. D
4. C
5. C
6. A
7. D
8. A
9. A

10. B
11. B
12. C
13. B
14. A
15. A

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