BLOGS

Practice Speed, Time and Distance Questions for CLAT 2025

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SPEED, TIME AND DISTANCE QUESTIONS

1. A car travels at an average speed of 72 km/h for the first 80 km of a journey. What average speed must the car maintain for the remaining 120 km in order to achieve an overall average speed of 80 km/h for the entire journey?

a) 85 km/h

b) 90 km/h

c) 95 km/h

d) 100 km/h

2. A cyclist travels from town A to town B at a speed of 15 km/h. On the return journey, the cyclist covers the same distance at a speed of 20 km/h. What is the average speed for the entire round trip?

a) 17.5 km/h

b) 16.25 km/h

c) 18 km/h

d) 15.5 km/h

3. A boat travels downstream for 6 hours covering a distance of 120 km. If the same boat travels upstream for the same duration, covering a distance of 60 km, what is the speed of the stream?

a) 5 km/h

b) 3 km/h

c) 6 km/h

d) 4 km/h

4. A train takes 1 hour longer to travel 100 km from station A to station B than it does to travel the same distance from station B to station A. If the train's speed from station A to station B is 40 km/h, what is its speed from station B to station A?

a) 45 km/h

b) 50 km/h

c) 55 km/h

d) 60 km/h

5. A person travels from city X to city Y at a speed of 60 km/h and returns to city X at a speed of 40 km/h. If the total time taken for the entire journey is 10 hours, what is the distance between city X and city Y?

a) 240 km

b) 300 km

c) 360 km

d) 400 km

6. A car travels 100 km at an average speed of 40 km/h and returns at an average speed of 60 km/h. What is the average speed for the entire journey?

a) 48 km/h

b) 45 km/h

c) 50 km/h

d) 55 km/h

7. A cyclist travels from town A to town B at a speed of 10 km/h and returns to town A at a speed of 20 km/h. What is the average speed for the entire round trip?

a) 22 km/h

b) 13 km/h

c) 20 km/h

d) 15 km/h

8. A train travels from Station A to Station B at a speed of 80 km/h and returns to Station A at a speed of 100 km/h. If the total journey time is 7.5 hours, what is the distance between Station A and Station B?

a) 480 km

b) 520 km

c) 560 km

d) 600 km

9. A car travels at a certain speed for the first half of a journey and at twice that speed for the second half. If the total journey takes 6 hours and covers 300 km, what is the average speed for the entire journey?

a) 45 km/h

b) 50 km/h

c) 55 km/h

d) 60 km/h

10. A plane flies from City X to City Y at an average speed of 600 km/h and returns to City X at an average speed of 800 km/h. If the total flight time is 5 hours, what is the distance between City X and City Y?

a) 2400 km

b) 2800 km

c) 3200 km

d) 3600 km

11. A cyclist travels from point A to point B at an average speed of 12 km/h and returns to point A at an average speed of 15 km/h. If the total journey takes 7 hours, what is the distance between point A and point B?

a) 54 km

b) 60 km

c) 66 km

d) 72 km

12. A car travels from Town X to Town Y at a speed of 60 km/h and returns to Town X at a speed of 80 km/h. If the total journey time is 6 hours and the distance between the towns is 240 km, what is the average speed for the entire journey?

a) 64 km/h

b) 68 km/h

c) 72 km/h

d) 76 km/h

13. A boat travels downstream for 3 hours and covers a distance of 180 km. If the speed of the stream is 10 km/h, what is the speed of the boat in still water?

a) 50 km/h

b) 60 km/h

c) 70 km/h

d) 80 km/h

14. A car travels from City P to City Q at an average speed of 50 km/h and returns to City P at an average speed of 75 km/h. If the total journey time is 8 hours and the distance between the cities is 400 km, what is the average speed for the entire journey?

a) 60 km/h

b) 65 km/h

c) 70 km/h

d) 75 km/h

15. A train travels from Station X to Station Y at an average speed of 120 km/h and returns to Station X at an average speed of 90 km/h. If the total journey time is 5 hours, what is the distance between Station X and Station Y?

a) 360 km

b) 400 km

c) 450 km

d) 480 km

16. A cyclist travels from Town A to Town B at an average speed of 20 km/h and returns to Town A at an average speed of 30 km/h. If the total journey time is 9 hours, what is the distance between Town A and Town B?

a) 100 km

b) 120 km

c) 140 km

d) 160 km

17. A boat travels downstream for 5 hours and covers a distance of 150 km. If the speed of the stream is 20 km/h, what is the speed of the boat in still water?

a) 25 km/h

b) 30 km/h

c) 35 km/h

d) 40 km/h

18. A car travels from City X to City Y at an average speed of 45 km/h and returns to City X at an average speed of 60 km/h. If the total journey time is 6 hours and the distance between the cities is 270 km, what is the average speed for the entire journey?

a) 50 km/h

b) 55 km/h

c) 60 km/h

d) 65 km/h

19. A train travels from Station P to Station Q at an average speed of 80 km/h and returns to Station P at an average speed of 100 km/h. If the total journey time is 6 hours, what is the distance between Station P and Station Q?

a) 320 km

b) 360 km

c) 400 km

d) 440 km

20. A car travels from Town X to Town Y at an average speed of 60 km/h and returns to Town X at an average speed of 80 km/h. If the total journey time is 4 hours and the distance between the towns is 240 km, what is the average speed for the entire journey?

a) 70 km/h

b) 75 km/h

c) 80 km/h

d) 85 km/h

ANSWERS

1. A
2. B
3. A
4. B
5. B
6. A
7. C
8. C
9. B
10. A
11. C
12. B
13. B
14. B
15. C
16. D
17. B
18. A
19. B
20. B

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