



1. In how much time will a train A of length 224.65 m travelling at a speed of 11.45 m/sec will cross another train B of length 217.74 m travelling in the same direction at a speed of 4.44 m/sec?
(i) 64.11 sec (ii) 61.11 sec (iii) 63.11 sec (iv) 62.11 sec (v) 65.11 sec
2. If a train travelling at 6.99 m/sec speed covers 179.08 m distance in a certain time, at what speed should it travel to cover 372.51 m distance in the same time ?
(i) 14.54 m/sec (ii) 13.54 m/sec (iii) 15.54 m/sec (iv) 12.54 m/sec (v) 16.54 m/sec
3. In how much time, a train of length 372.37 m travelling at a speed of 18.96 m/sec will cross a platform of length 386.11 m?
(i) 41.01 sec (ii) 38.01 sec (iii) 42.01 sec (iv) 39.01 sec (v) 40.01 sec
4. In how much time will a train A of length 221.13 m travelling at a speed of 9.35 m/sec will cross another train B of length 147.55 m travelling in the opposite direction at a speed of 5.57 m/sec?
(i) 24.71 sec (ii) 25.71 sec (iii) 26.71 sec (iv) 22.71 sec (v) 23.71 sec
5. If a train covers a certain distance at a speed of 10.70 m/sec in 17.65 sec, what should be the speed to cover the same distance in 39.64 sec?
(i) 4.76 m/sec (ii) 6.76 m/sec (iii) 5.76 m/sec (iv) 2.76 m/sec (v) 3.76 m/sec
6. In how much time will a train of length 157.37 m travelling at a speed of 12.61 m/sec crosses a man riding a cycle in the same direction at a speed of 4.18 m/sec?
(i) 19.67 sec (ii) 17.67 sec (iii) 20.67 sec (iv) 16.67 sec (v) 18.67 sec
7. If the speed of a vehicle is 32.59 kmph, how much time will it take to travel 371.85 km?
(i) 10.41 hr (ii) 9.41 hr (iii) 13.41 hr (iv) 11.41 hr (v) 12.41 hr
8. A train travels 111.44 m distance at 2.96 m/sec, 219.68 m distance at 8.34 m/sec and 318.32 m distance at 15.65 m/sec. What is the total time travelled by the train?
(i) 85.33 sec (ii) 86.33 sec (iii) 83.33 sec (iv) 84.33 sec (v) 82.33 sec
9. A train covers a certain distance at a speed of 13.54 m/sec in 36.47 sec. If it travels at 18.95 m/sec, in what time it covers the same distance ?
(i) 24.06 sec (ii) 27.06 sec (iii) 28.06 sec (iv) 26.06 sec (v) 25.06 sec
10. If a train travelling at 18.07 m/sec speed covers 458.07 m distance in a certain time, how much distance will it cover in the same time at speed 12.60 m/sec?
(i) 321.41 m (ii) 320.41 m (iii) 317.41 m (iv) 319.41 m (v) 318.41 m
11. A train crosses a telegraph post in 37.14 sec and a bridge 1194.86 m long in 63.28 sec. What is the speed of the train?
(i) 44.71 m/sec (ii) 46.71 m/sec (iii) 43.71 m/sec (iv) 47.71 m/sec (v) 45.71 m/sec

12. If the speed of a vehicle is 10.97 kmph, how much distance will it travel in 46.17 hr?

- (i) 507.48 km (ii) 505.48 km (iii) 506.48 km (iv) 504.48 km (v) 508.48 km

13. If the speed of a vehicle is 11.69 m/sec, how much time will it take to travel 471.46 m?

- (i) 40.33 sec (ii) 42.33 sec (iii) 41.33 sec (iv) 38.33 sec (v) 39.33 sec

14. If a train travels 239.38 m in 38.86 sec, how much distance it covers in 13.27 sec?

- (i) 83.74 m (ii) 80.74 m (iii) 79.74 m (iv) 82.74 m (v) 81.74 m

A train travels some distance at a speed of 10.41 m/sec for 39.80 sec, some more distance at a speed of 4.79 m/sec for 26.20 sec and the remaining distance at a speed of 7.38 m/sec for 24.32 sec. What is the total distance covered?

- (i) 721.30 m (ii) 718.30 m (iii) 717.30 m (iv) 720.30 m (v) 719.30 m

16. In how much time will a train of length 468.13 m travelling at a speed of 15.81 m/sec crosses a man riding a cycle in the opposite direction at a speed of 8.41 m/sec?

- (i) 17.33 sec (ii) 21.33 sec (iii) 20.33 sec (iv) 19.33 sec (v) 18.33 sec

17. If a train travels 220.03 m in 44.54 sec, what time it takes to travel 265.60 m?

- (i) 54.77 sec (ii) 51.77 sec (iii) 52.77 sec (iv) 55.77 sec (v) 53.77 sec

18. If a vehicle travels 486.92 m in 41.76 sec, what is the speed of the vehicle?

- (i) 11.66 m/sec (ii) 9.66 m/sec (iii) 12.66 m/sec (iv) 10.66 m/sec (v) 13.66 m/sec

19. In how much time, a train of length 260.62 m travelling at a speed of 5.45 m/sec will cross a pole?

- (i) 49.82 sec (ii) 46.82 sec (iii) 45.82 sec (iv) 47.82 sec (v) 48.82 sec

20. If a vehicle travels 426.58 km in 22.91 hr, what is the speed of the vehicle?

- (i) 17.62 kmph (ii) 20.62 kmph (iii) 18.62 kmph (iv) 19.62 kmph (v) 16.62 kmph

21. A train travels 201.08 m distance at 5.83 m/sec, 261.27 m distance at 17.50 m/sec and 316.42 m distance at 31.36 m/sec. What is the average speed of the train?

- (i) 12.09 m/sec (ii) 11.09 m/sec (iii) 15.09 m/sec (iv) 14.09 m/sec (v) 13.09 m/sec

22. A train crosses a telegraph post in 50.84 sec and a bridge 637.49 m long in 79.83 sec. What is the length of the train?

- (i) 1115.97 m (ii) 1118.97 m (iii) 1119.97 m (iv) 1117.97 m (v) 1116.97 m

23. If the speed of a vehicle is 4.82 m/sec, how much distance will it travel in 32.50 sec?

- (i) 157.65 m (ii) 155.65 m (iii) 154.65 m (iv) 156.65 m (v) 158.65 m

24. A train travels 167.68 m distance for 41.20 sec, 416.78 m distance for 44.15 sec and 335.44 m distance for 36.66 sec. What is the average speed of the train?

- (i) 5.54 m/sec (ii) 6.54 m/sec (iii) 8.54 m/sec (iv) 7.54 m/sec (v) 9.54 m/sec

A train travels some distance at a speed of 17.64 m/sec for 16.30 sec, some more distance at a speed of 22.74 m/sec for 15.04 sec and the remaining distance at a speed of 11.46 m/sec for 43.27 sec. What is the average speed of the train?

- (i) 14.08 m/sec (ii) 15.08 m/sec (iii) 13.08 m/sec (iv) 16.08 m/sec (v) 17.08 m/sec

Assignment Key

1) (iii)	2) (i)	3) (v)	4) (i)	5) (i)	6) (v)
7) (iv)	8) (iv)	9) (iv)	10) (iv)	11) (v)	12) (iii)
13) (i)	14) (v)	15) (v)	16) (iv)	17) (v)	18) (i)
19) (iv)	20) (iii)	21) (v)	22) (iv)	23) (iv)	24) (iv)
25) (ii)					