



1. If a train travelling at 6.74 m/sec speed covers 151.58 m distance in a certain time, at what speed should it travel to cover 416.74 m distance in the same time ?
(i) 20.53 m/sec (ii) 18.53 m/sec (iii) 16.53 m/sec (iv) 19.53 m/sec (v) 17.53 m/sec
2. In how much time will a train of length 369.87 m travelling at a speed of 8.09 m/sec crosses a man riding a cycle in the opposite direction at a speed of 6.32 m/sec?
(i) 23.67 sec (ii) 24.67 sec (iii) 27.67 sec (iv) 25.67 sec (v) 26.67 sec
3. In how much time, a train of length 338.73 m travelling at a speed of 20.32 m/sec will cross a pole?
(i) 15.67 sec (ii) 18.67 sec (iii) 14.67 sec (iv) 17.67 sec (v) 16.67 sec
4. If a vehicle travels 278.56 m in 37.24 sec, what is the speed of the vehicle?
(i) 5.48 m/sec (ii) 7.48 m/sec (iii) 9.48 m/sec (iv) 6.48 m/sec (v) 8.48 m/sec
5. If a vehicle travels 388.19 km in 39.49 hr, what is the speed of the vehicle?
(i) 7.83 kmph (ii) 10.83 kmph (iii) 9.83 kmph (iv) 11.83 kmph (v) 8.83 kmph
6. In how much time will a train A of length 374.01 m travelling at a speed of 16.44 m/sec will cross another train B of length 145.35 m travelling in the opposite direction at a speed of 3.29 m/sec?
(i) 28.32 sec (ii) 25.32 sec (iii) 27.32 sec (iv) 24.32 sec (v) 26.32 sec
7. If the speed of a vehicle is 14.93 m/sec, how much time will it take to travel 242.02 m?
(i) 17.21 sec (ii) 14.21 sec (iii) 18.21 sec (iv) 16.21 sec (v) 15.21 sec
8. A train crosses a telegraph post in 42.33 sec and a bridge 693.09 m long in 83.61 sec. What is the speed of the train?
(i) 14.79 m/sec (ii) 16.79 m/sec (iii) 17.79 m/sec (iv) 15.79 m/sec (v) 18.79 m/sec
9. If a train travels 150.47 m in 36.79 sec, what time it takes to travel 324.70 m?
(i) 79.39 sec (ii) 78.39 sec (iii) 80.39 sec (iv) 81.39 sec (v) 77.39 sec
10. If a train travelling at 14.18 m/sec speed covers 479.99 m distance in a certain time, how much distance will it cover in the same time at speed 9.40 m/sec?
(i) 318.19 m (ii) 320.19 m (iii) 316.19 m (iv) 319.19 m (v) 317.19 m
11. In how much time, a train of length 268.48 m travelling at a speed of 16.58 m/sec will cross a platform of length 241.83 m?
(i) 30.77 sec (ii) 31.77 sec (iii) 29.77 sec (iv) 28.77 sec (v) 32.77 sec
12. A train covers a certain distance at a speed of 4.48 m/sec in 44.20 sec. If it travels at 4.00 m/sec, in what time it covers the same distance ?
(i) 49.53 sec (ii) 48.53 sec (iii) 47.53 sec (iv) 51.53 sec (v) 50.53 sec

- A train travels some distance at a speed of 26.99 m/sec for 13.11 sec, some more distance at a speed of 15.78 m/sec for 18.29 sec and the remaining distance at a speed of 13.38 m/sec for 20.32 sec. What is the total distance covered?
- (i) 914.34 m (ii) 912.34 m (iii) 913.34 m (iv) 915.34 m (v) 916.34 m
14. A train travels 350.60 m distance for 42.19 sec, 144.01 m distance for 20.81 sec and 466.91 m distance for 29.20 sec. What is the average speed of the train?
- (i) 10.43 m/sec (ii) 12.43 m/sec (iii) 9.43 m/sec (iv) 11.43 m/sec (v) 8.43 m/sec
15. In how much time will a train of length 458.92 m travelling at a speed of 37.25 m/sec crosses a man riding a cycle in the same direction at a speed of 8.66 m/sec?
- (i) 16.05 sec (ii) 14.05 sec (iii) 18.05 sec (iv) 15.05 sec (v) 17.05 sec
16. A train travels 177.09 m distance at 4.72 m/sec, 431.16 m distance at 9.10 m/sec and 368.20 m distance at 9.40 m/sec. What is the total time travelled by the train?
- (i) 126.07 sec (ii) 124.07 sec (iii) 122.07 sec (iv) 125.07 sec (v) 123.07 sec
17. If a train travels 161.24 m in 40.31 sec, how much distance it covers in 22.64 sec?
- (i) 90.56 m (ii) 92.56 m (iii) 89.56 m (iv) 91.56 m (v) 88.56 m
18. If the speed of a vehicle is 17.14 kmph, how much time will it take to travel 289.32 km?
- (i) 15.88 hr (ii) 16.88 hr (iii) 18.88 hr (iv) 14.88 hr (v) 17.88 hr
19. A train travels 141.94 m distance at 4.40 m/sec, 113.87 m distance at 3.01 m/sec and 184.40 m distance at 14.13 m/sec. What is the average speed of the train?
- (i) 7.29 m/sec (ii) 4.29 m/sec (iii) 5.29 m/sec (iv) 6.29 m/sec (v) 3.29 m/sec
20. In how much time will a train A of length 225.62 m travelling at a speed of 5.88 m/sec will cross another train B of length 216.97 m travelling in the same direction at a speed of 4.89 m/sec?
- (i) 446.06 sec (ii) 445.06 sec (iii) 447.06 sec (iv) 449.06 sec (v) 448.06 sec
- A train travels some distance at a speed of 9.70 m/sec for 46.85 sec, some more distance at a speed of 40.39 m/sec for 11.70 sec and the remaining distance at a speed of 6.46 m/sec for 24.95 sec. What is the average speed of the train?
- (i) 15.03 m/sec (ii) 12.03 m/sec (iii) 14.03 m/sec (iv) 13.03 m/sec (v) 11.03 m/sec
22. If the speed of a vehicle is 4.18 kmph, how much distance will it travel in 39.44 hr?
- (i) 162.86 km (ii) 166.86 km (iii) 163.86 km (iv) 164.86 km (v) 165.86 km
23. A train crosses a telegraph post in 44.05 sec and a bridge 1254.89 m long in 82.10 sec. What is the length of the train?
- (i) 1453.77 m (ii) 1450.77 m (iii) 1451.77 m (iv) 1452.77 m (v) 1454.77 m
24. If the speed of a vehicle is 8.72 m/sec, how much distance will it travel in 40.62 sec?
- (i) 352.21 m (ii) 356.21 m (iii) 355.21 m (iv) 354.21 m (v) 353.21 m
25. If a train covers a certain distance at a speed of 9.51 m/sec in 22.54 sec, what should be the speed to cover the same distance in 50.99 sec?
- (i) 4.20 m/sec (ii) 6.20 m/sec (iii) 2.20 m/sec (iv) 5.20 m/sec (v) 3.20 m/sec

Assignment Key

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