1. If a vehicle travels 233.67 m in 24.24 sec, what is the speed of the vehicle?

    (i) 11.64 m/sec   (ii) 9.64 m/sec   (iii) 7.64 m/sec   (iv) 8.64 m/sec   (v) 10.64 m/sec

2. In how much time will a train of length 486.11 m travelling at a speed of 19.98 m/sec crosses a man riding a cycle in the opposite direction at a speed of 3.99 m/sec?

    (i) 18.28 sec   (ii) 19.28 sec   (iii) 22.28 sec   (iv) 21.28 sec   (v) 20.28 sec

3. If the speed of a vehicle is 12.08 m/sec, how much time will it take to travel 432.95 m?

    (i) 34.84 sec   (ii) 37.84 sec   (iii) 36.84 sec   (iv) 35.84 sec   (v) 33.84 sec

4. In how much time will a train A of length 265.06 m travelling at a speed of 22.33 m/sec will cross another train B of length 241.56 m travelling in the opposite direction at a speed of 7.09 m/sec?

    (i) 18.22 sec   (ii) 16.22 sec   (iii) 15.22 sec   (iv) 17.22 sec   (v) 19.22 sec

5. A train travels some distance at a speed of 12.90 m/sec for 22.97 sec, some more distance at a speed of 7.57 m/sec for 47.28 sec and the remaining distance at a speed of 9.18 m/sec for 47.16 sec. What is the total distance covered?

    (i) 1087.15 m   (ii) 1085.15 m   (iii) 1088.15 m   (iv) 1086.15 m   (v) 1089.15 m

6. A train crosses a telegraph post in 34.25 sec and a bridge 1457.63 m long in 73.72 sec. What is the length of the train?

    (i) 1264.85 m   (ii) 1265.85 m   (iii) 1262.85 m   (iv) 1263.85 m   (v) 1266.85 m

7. A train travels 261.60 m distance for 11.17 sec, 303.10 m distance for 36.04 sec and 447.37 m distance for 20.55 sec. What is the average speed of the train?

    (i) 13.94 m/sec   (ii) 15.94 m/sec   (iii) 14.94 m/sec   (iv) 16.94 m/sec   (v) 12.94 m/sec

8. A train covers a certain distance at a speed of 11.90 m/sec in 20.16 sec. If it travels at 4.85 m/sec, in what time it covers the same distance ?

    (i) 48.50 sec   (ii) 49.50 sec   (iii) 50.50 sec   (iv) 47.50 sec   (v) 51.50 sec

9. If the speed of a vehicle is 6.21 kmph, how much distance will it travel in 50.41 hr?

    (i) 313.05 km   (ii) 311.05 km   (iii) 312.05 km   (iv) 314.05 km   (v) 315.05 km

10. In how much time, a train of length 251.70 m travelling at a speed of 7.57 m/sec will cross a pole?

    (i) 31.25 sec   (ii) 35.25 sec   (iii) 32.25 sec   (iv) 33.25 sec   (v) 34.25 sec

11. If a train travelling at 8.78 m/sec speed covers 371.13 m distance in a certain time, at what speed should it travel to cover 180.49 m distance in the same time ?

    (i) 5.27 m/sec   (ii) 2.27 m/sec   (iii) 4.27 m/sec   (iv) 6.27 m/sec   (v) 3.27 m/sec

12. In how much time will a train of length 182.14 m travelling at a speed of 10.67 m/sec crosses a man riding a cycle in the same direction at a speed of 4.01 m/sec?

 (i) 29.35 sec (ii) 28.35 sec (iii) 27.35 sec (iv) 25.35 sec (v) 26.35 sec

13. In how much time will a train A of length 254.05 m travelling at a speed of 12.22 m/sec will cross another train B of length 351.95 m travelling in the same direction at a speed of 11.18 m/sec?

 (i) 581.69 sec (ii) 583.69 sec (iii) 580.69 sec (iv) 584.69 sec (v) 582.69 sec

14. If a train travels 284.23 m in 21.73 sec, how much distance it covers in 25.38 sec?

 (i) 330.97 m (ii) 333.97 m (iii) 331.97 m (iv) 332.97 m (v) 329.97 m

15. A train travels 429.56 m distance at 12.52 m/sec, 260.49 m distance at 10.68 m/sec and 403.68 m distance at 8.77 m/sec. What is the average speed of the train?

 (i) 8.44 m/sec (ii) 10.44 m/sec (iii) 11.44 m/sec (iv) 9.44 m/sec (v) 12.44 m/sec

16. A train crosses a telegraph post in 25.56 sec and a bridge 468.09 m long in 59.26 sec. What is the speed of the train?

 (i) 14.89 m/sec (ii) 13.89 m/sec (iii) 12.89 m/sec (iv) 15.89 m/sec (v) 11.89 m/sec

17. If a train travelling at 28.39 m/sec speed covers 363.96 m distance in a certain time, how much distance will it cover in the same time at speed 21.24 m/sec?

 (i) 271.30 m (ii) 273.30 m (iii) 274.30 m (iv) 270.30 m (v) 272.30 m

18. If the speed of a vehicle is 12.67 kmph, how much time will it take to travel 400.63 km?

 (i) 31.62 hr (ii) 30.62 hr (iii) 32.62 hr (iv) 29.62 hr (v) 33.62 hr

19. If the speed of a vehicle is 8.98 m/sec, how much distance will it travel in 30.96 sec?

 (i) 279.02 m (ii) 278.02 m (iii) 280.02 m (iv) 277.02 m (v) 276.02 m

20. If a train covers a certain distance at a speed of 21.91 m/sec in 14.64 sec, what should be the speed to cover the same distance in 40.83 sec?

 (i) 9.86 m/sec (ii) 5.86 m/sec (iii) 6.86 m/sec (iv) 7.86 m/sec (v) 8.86 m/sec

21. In how much time, a train of length 428.36 m travelling at a speed of 6.62 m/sec will cross a platform of length 186.31 m?

 (i) 91.84 sec (ii) 93.84 sec (iii) 90.84 sec (iv) 94.84 sec (v) 92.84 sec

22. A train travels 408.19 m distance at 13.21 m/sec, 241.75 m distance at 15.77 m/sec and 201.00 m distance at 7.12 m/sec. What is the total time travelled by the train?

 (i) 76.46 sec (ii) 75.46 sec (iii) 74.46 sec (iv) 73.46 sec (v) 72.46 sec

23. A train travels some distance at a speed of 6.23 m/sec for 50.26 sec, some more distance at a speed of 9.34 m/sec for 39.53 sec and the remaining distance at a speed of 7.39 m/sec for 22.74 sec. What is the average speed of the train?

 (i) 6.56 m/sec (ii) 5.56 m/sec (iii) 8.56 m/sec (iv) 9.56 m/sec (v) 7.56 m/sec

24. If a train travels 297.32 m in 23.21 sec, what time it takes to travel 448.90 m?

 (i) 37.04 sec (ii) 33.04 sec (iii) 35.04 sec (iv) 34.04 sec (v) 36.04 sec

25. If a vehicle travels 337.46 km in 30.32 hr, what is the speed of the vehicle?

    (i) 12.13 kmph (ii) 13.13 kmph (iii) 10.13 kmph (iv) 9.13 kmph (v) 11.13 kmph

Assignment Key

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