1. If the speed of a vehicle is 8.35 kmph, how much distance will it travel in 24.57 hr?

   (i) 207.16 km   (ii) 203.16 km   (iii) 204.16 km   (iv) 205.16 km   (v) 206.16 km

2. If the speed of a vehicle is 25.96 m/sec, how much distance will it travel in 13.70 sec?

   (i) 355.65 m   (ii) 357.65 m   (iii) 354.65 m   (iv) 353.65 m   (v) 356.65 m

3. If a vehicle travels 240.58 km in 37.59 hr, what is the speed of the vehicle?

   (i) 4.40 kmph   (ii) 8.40 kmph   (iii) 7.40 kmph   (iv) 6.40 kmph   (v) 5.40 kmph

4. If a vehicle travels 146.63 m in 23.92 sec, what is the speed of the vehicle?

   (i) 7.13 m/sec   (ii) 8.13 m/sec   (iii) 4.13 m/sec   (iv) 6.13 m/sec   (v) 5.13 m/sec

5. If the speed of a vehicle is 4.71 kmph, how much time will it take to travel 124.39 km?

   (i) 27.41 hr   (ii) 24.41 hr   (iii) 28.41 hr   (iv) 25.41 hr   (v) 26.41 hr

6. If the speed of a vehicle is 16.53 m/sec, how much time will it take to travel 471.44 m?

   (i) 29.52 sec   (ii) 28.52 sec   (iii) 27.52 sec   (iv) 30.52 sec   (v) 26.52 sec

7. If a train travels 306.78 m in 49.56 sec, how much distance it covers in 40.80 sec?

   (i) 251.55 m   (ii) 252.55 m   (iii) 254.55 m   (iv) 250.55 m   (v) 253.55 m

8. If a train travels 285.39 m in 47.25 sec, what time it takes to travel 248.30 m?

   (i) 42.11 sec   (ii) 41.11 sec   (iii) 40.11 sec   (iv) 39.11 sec   (v) 43.11 sec

9. If a train covers a certain distance at a speed of 9.33 m/sec in 39.06 sec, what should be the speed to cover the same distance in 30.47 sec?

   (i) 9.96 m/sec   (ii) 10.96 m/sec   (iii) 12.96 m/sec   (iv) 13.96 m/sec   (v) 11.96 m/sec

10. A train covers a certain distance at a speed of 3.75 m/sec in 43.36 sec. If it travels at 14.85 m/sec, in what time it covers the same distance ?

   (i) 12.95 sec   (ii) 9.95 sec   (iii) 10.95 sec   (iv) 8.95 sec   (v) 11.95 sec

11. If a train travelling at 8.96 m/sec speed covers 297.11 m distance in a certain time, at what speed should it travel to cover 437.38 m distance in the same time ?

   (i) 11.19 m/sec   (ii) 13.19 m/sec   (iii) 14.19 m/sec   (iv) 15.19 m/sec   (v) 12.19 m/sec

12. If a train travelling at 7.84 m/sec speed covers 328.42 m distance in a certain time, how much distance will it cover in the same time at speed 6.22 m/sec?

   (i) 262.56 m   (ii) 260.56 m   (iii) 259.56 m   (iv) 258.56 m   (v) 261.56 m

13. A train travels some distance at a speed of 9.10 m/sec for 40.70 sec, some more distance at a speed of 8.14 m/sec for 17.73 sec and the remaining distance at a speed of 4.74 m/sec for 48.93 sec. What is the average speed of the train?

  (i) 5.95 m/sec (ii) 7.95 m/sec (iii) 8.95 m/sec (iv) 4.95 m/sec (v) 6.95 m/sec

14. A train travels some distance at a speed of 10.01 m/sec for 15.49 sec, some more distance at a speed of 12.31 m/sec for 26.02 sec and the remaining distance at a speed of 3.41 m/sec for 41.01 sec. What is the total distance covered?

  (i) 617.20 m (ii) 616.20 m (iii) 614.20 m (iv) 613.20 m (v) 615.20 m

15. A train travels 154.71 m distance at 3.90 m/sec, 173.91 m distance at 3.50 m/sec and 165.18 m distance at 3.64 m/sec. What is the average speed of the train?

  (i) 2.66 m/sec (ii) 5.66 m/sec (iii) 4.66 m/sec (iv) 3.66 m/sec (v) 1.66 m/sec

16. A train travels 373.70 m distance at 9.77 m/sec, 280.90 m distance at 14.60 m/sec and 482.07 m distance at 20.86 m/sec. What is the total time travelled by the train?

  (i) 82.60 sec (ii) 80.60 sec (iii) 81.60 sec (iv) 78.60 sec (v) 79.60 sec

17. A train travels 115.23 m distance for 40.29 sec, 493.70 m distance for 23.20 sec and 147.79 m distance for 47.52 sec. What is the average speed of the train?

  (i) 6.82 m/sec (ii) 7.82 m/sec (iii) 4.82 m/sec (iv) 8.82 m/sec (v) 5.82 m/sec

18. In how much time, a train of length 351.25 m travelling at a speed of 7.13 m/sec will cross a platform of length 232.58 m?

  (i) 80.92 sec (ii) 79.92 sec (iii) 82.92 sec (iv) 81.92 sec (v) 83.92 sec

19. In how much time, a train of length 456.50 m travelling at a speed of 36.03 m/sec will cross a pole?

  (i) 10.67 sec (ii) 11.67 sec (iii) 14.67 sec (iv) 13.67 sec (v) 12.67 sec

20. A student walks from his house to school at 3.17 kmph and arrives 19.80 min late. The next day he walks at 6.53 kmph and reaches the school 6.70 min before time. What is the distance from his house to school?

  (i) 0.72 km (ii) 2.72 km (iii) 1.72 km (iv) 4.72 km (v) 3.72 km

21. A student walks from his house to school at 2.69 kmph and arrives 26.60 min late. The next day he walks at 11.37 kmph and reaches the school 10.10 min before time. At what speed must he travel to reach the school on time?

  (i) 5.03 kmph (ii) 7.03 kmph (iii) 6.03 kmph (iv) 4.03 kmph (v) 8.03 kmph

22. A train crosses a telegraph post in 11.70 sec and a bridge 1091.04 m long in 53.47 sec. What is the length of the train?

  (i) 303.60 m (ii) 305.60 m (iii) 307.60 m (iv) 304.60 m (v) 306.60 m

23. A train crosses a telegraph post in 35.52 sec and a bridge 1132.37 m long in 66.10 sec. What is the speed of the train?

  (i) 36.03 m/sec (ii) 39.03 m/sec (iii) 38.03 m/sec (iv) 35.03 m/sec (v) 37.03 m/sec

Assignment Key

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