1. If the speed of a vehicle is 23.99 kmph, how much distance will it travel in 18.46 hr?

    (i) 444.86 km   (ii) 441.86 km   (iii) 442.86 km   (iv) 443.86 km   (v) 440.86 km

2. If the speed of a vehicle is 13.71 m/sec, how much distance will it travel in 35.16 sec?

    (i) 482.04 m   (ii) 484.04 m   (iii) 480.04 m   (iv) 481.04 m   (v) 483.04 m

3. If a vehicle travels 122.26 km in 11.31 hr, what is the speed of the vehicle?

    (i) 10.81 kmph   (ii) 9.81 kmph   (iii) 8.81 kmph   (iv) 12.81 kmph   (v) 11.81 kmph

4. If a vehicle travels 316.75 m in 29.41 sec, what is the speed of the vehicle?

    (i) 11.77 m/sec   (ii) 8.77 m/sec   (iii) 9.77 m/sec   (iv) 10.77 m/sec   (v) 12.77 m/sec

5. If the speed of a vehicle is 10.63 kmph, how much time will it take to travel 397.77 km?

    (i) 39.42 hr   (ii) 35.42 hr   (iii) 36.42 hr   (iv) 38.42 hr   (v) 37.42 hr

6. If the speed of a vehicle is 5.45 m/sec, how much time will it take to travel 255.93 m?

    (i) 46.96 sec   (ii) 48.96 sec   (iii) 44.96 sec   (iv) 45.96 sec   (v) 47.96 sec

7. If a train travels 407.85 m in 34.77 sec, how much distance it covers in 44.25 sec?

    (i) 520.05 m   (ii) 518.05 m   (iii) 517.05 m   (iv) 521.05 m   (v) 519.05 m

8. If a train travels 251.86 m in 48.81 sec, what time it takes to travel 172.40 m?

    (i) 34.41 sec   (ii) 35.41 sec   (iii) 31.41 sec   (iv) 32.41 sec   (v) 33.41 sec

9. If a train covers a certain distance at a speed of 4.86 m/sec in 47.18 sec, what should be the speed to cover the same distance in 12.38 sec?

    (i) 16.52 m/sec   (ii) 18.52 m/sec   (iii) 20.52 m/sec   (iv) 17.52 m/sec   (v) 19.52 m/sec

10. A train covers a certain distance at a speed of 21.44 m/sec in 19.01 sec. If it travels at 11.24 m/sec, in what time it covers the same distance ?

    (i) 37.25 sec   (ii) 34.25 sec   (iii) 36.25 sec   (iv) 38.25 sec   (v) 35.25 sec

11. If a train travelling at 9.72 m/sec speed covers 433.22 m distance in a certain time, at what speed should it travel to cover 470.66 m distance in the same time ?

    (i) 12.56 m/sec   (ii) 9.56 m/sec   (iii) 10.56 m/sec   (iv) 11.56 m/sec   (v) 8.56 m/sec

12. If a train travelling at 4.68 m/sec speed covers 154.49 m distance in a certain time, how much distance will it cover in the same time at speed 14.46 m/sec?

    (i) 475.32 m   (ii) 479.32 m   (iii) 476.32 m   (iv) 478.32 m   (v) 477.32 m

13. A train travels some distance at a speed of 28.39 m/sec for 11.59 sec, some more distance at a speed of 41.37 m/sec for 11.37 sec and the remaining distance at a speed of 6.42 m/sec for 47.46 sec. What is the average speed of the train?

   (i) 14.68 m/sec (ii) 16.68 m/sec (iii) 17.68 m/sec (iv) 13.68 m/sec (v) 15.68 m/sec

14. A train travels some distance at a speed of 16.55 m/sec for 22.78 sec, some more distance at a speed of 5.63 m/sec for 44.50 sec and the remaining distance at a speed of 4.69 m/sec for 33.76 sec. What is the total distance covered?

   (i) 784.87 m (ii) 786.87 m (iii) 787.87 m (iv) 785.87 m (v) 783.87 m

15. A train travels 351.62 m distance at 14.50 m/sec, 202.96 m distance at 14.99 m/sec and 389.35 m distance at 32.50 m/sec. What is the average speed of the train?

   (i) 20.97 m/sec (ii) 16.97 m/sec (iii) 17.97 m/sec (iv) 19.97 m/sec (v) 18.97 m/sec

16. A train travels 403.09 m distance at 21.26 m/sec, 106.13 m distance at 5.74 m/sec and 185.13 m distance at 10.20 m/sec. What is the total time travelled by the train?

   (i) 54.60 sec (ii) 57.60 sec (iii) 55.60 sec (iv) 56.60 sec (v) 53.60 sec

17. A train travels 407.38 m distance for 28.77 sec, 237.27 m distance for 15.20 sec and 399.67 m distance for 18.72 sec. What is the average speed of the train?

   (i) 14.66 m/sec (ii) 15.66 m/sec (iii) 18.66 m/sec (iv) 17.66 m/sec (v) 16.66 m/sec

18. In how much time, a train of length 480.50 m travelling at a speed of 7.58 m/sec will cross a platform of length 139.62 m?

   (i) 83.76 sec (ii) 82.76 sec (iii) 79.76 sec (iv) 81.76 sec (v) 80.76 sec

19. In how much time, a train of length 164.90 m travelling at a speed of 5.86 m/sec will cross a pole?

   (i) 30.14 sec (ii) 26.14 sec (iii) 27.14 sec (iv) 29.14 sec (v) 28.14 sec

20. A student walks from his house to school at 6.23 kmph and arrives 10.40 min late. The next day he walks at 14.24 kmph and reaches the school 17.90 min before time. What is the distance from his house to school?

   (i) 6.22 km (ii) 3.22 km (iii) 5.22 km (iv) 7.22 km (v) 4.22 km

21. A student walks from his house to school at 1.38 kmph and arrives 33.50 min late. The next day he walks at 6.31 kmph and reaches the school 8.10 min before time. At what speed must he travel to reach the school on time?

   (i) 1.73 kmph (ii) 4.73 kmph (iii) 5.73 kmph (iv) 3.73 kmph (v) 2.73 kmph

22. A train crosses a telegraph post in 30.45 sec and a bridge 684.57 m long in 45.41 sec. What is the length of the train?

   (i) 1395.39 m (ii) 1391.39 m (iii) 1393.39 m (iv) 1392.39 m (v) 1394.39 m

23. A train crosses a telegraph post in 37.33 sec and a bridge 1675.00 m long in 75.96 sec. What is the speed of the train?

   (i) 42.36 m/sec (ii) 45.36 m/sec (iii) 44.36 m/sec (iv) 43.36 m/sec (v) 41.36 m/sec

Assignment Key

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