



1. If the speed of a vehicle is 8.89 kmph, how much distance will it travel in 50.96 hr?
(i) 452.03 km (ii) 454.03 km (iii) 455.03 km (iv) 453.03 km (v) 451.03 km
2. In how much time will a train A of length 148.74 m travelling at a speed of 11.10 m/sec will cross another train B of length 152.11 m travelling in the same direction at a speed of 3.59 m/sec?
(i) 40.06 sec (ii) 42.06 sec (iii) 41.06 sec (iv) 38.06 sec (v) 39.06 sec
3. A motor boat can travel at a speed of 16.03 m/sec downstream and 2.81 m/sec upstream. What is the speed of the motor boat in still water?
(i) 9.42 m/sec (ii) 10.42 m/sec (iii) 11.42 m/sec (iv) 7.42 m/sec (v) 8.42 m/sec
4. A student walks from his house to school at 2.02 kmph and arrives 22.30 min late. The next day he walks at 3.37 kmph and reaches the school 1.30 min before time. At what speed must he travel to reach the school on time?
(i) 5.25 kmph (ii) 3.25 kmph (iii) 2.25 kmph (iv) 1.25 kmph (v) 4.25 kmph
5. A student walks from his house to school at 2.03 kmph and arrives 28.70 min late. The next day he walks at 5.75 kmph and reaches the school 1.90 min before time. What is the distance from his house to school?
(i) 3.60 km (ii) 1.60 km (iii) 0.60 km (iv) 9.60 km (v) 2.60 km
6. If the speed of a vehicle is 4.50 m/sec, how much time will it take to travel 171.27 m?
(i) 36.06 sec (ii) 39.06 sec (iii) 38.06 sec (iv) 40.06 sec (v) 37.06 sec
7. In how much time, a train of length 172.62 m travelling at a speed of 4.37 m/sec will cross a pole?
(i) 39.50 sec (ii) 37.50 sec (iii) 40.50 sec (iv) 38.50 sec (v) 41.50 sec
8. A train travels 412.78 m distance at 26.46 m/sec, 374.61 m distance at 28.75 m/sec and 383.08 m distance at 10.39 m/sec. What is the average speed of the train?
(i) 16.87 m/sec (ii) 17.87 m/sec (iii) 15.87 m/sec (iv) 18.87 m/sec (v) 19.87 m/sec
9. A train covers a certain distance at a speed of 25.95 m/sec in 14.04 sec. If it travels at 25.02 m/sec, in what time it covers the same distance ?
(i) 12.56 sec (ii) 16.56 sec (iii) 13.56 sec (iv) 15.56 sec (v) 14.56 sec
10. If a train travels 435.12 m in 44.22 sec, how much distance it covers in 17.15 sec?
(i) 167.76 m (ii) 170.76 m (iii) 166.76 m (iv) 169.76 m (v) 168.76 m
11. A train travels some distance at a speed of 6.30 m/sec for 40.96 sec, some more distance at a speed of 13.30 m/sec for 15.10 sec and the remaining distance at a speed of 34.16 m/sec for 11.19 sec. What is the average speed of the train?
(i) 13.51 m/sec (ii) 10.51 m/sec (iii) 11.51 m/sec (iv) 14.51 m/sec (v) 12.51 m/sec

12. In how much time, a train of length 374.92 m travelling at a speed of 11.81 m/sec will cross a platform of length 281.75 m?
(i) 57.61 sec (ii) 55.61 sec (iii) 54.61 sec (iv) 56.61 sec (v) 53.61 sec
13. If a train travelling at 19.34 m/sec speed covers 286.81 m distance in a certain time, at what speed should it travel to cover 493.84 m distance in the same time ?
(i) 34.30 m/sec (ii) 32.30 m/sec (iii) 31.30 m/sec (iv) 33.30 m/sec (v) 35.30 m/sec
14. A train crosses a telegraph post in 26.20 sec and a bridge 1895.75 m long in 66.89 sec. What is the speed of the train?
(i) 45.59 m/sec (ii) 44.59 m/sec (iii) 47.59 m/sec (iv) 46.59 m/sec (v) 48.59 m/sec
15. The distance between two places X and Y is 301.15 m. Two persons A and B start simultaneously at X and Y at speeds of 24.95 m/sec and 6.50 m/sec respectively. Find the meeting point away from X where they meet each other if they are travelling in same direction.
(i) 408.25 m (ii) 407.25 m (iii) 406.25 m (iv) 405.25 m (v) 409.25 m
16. In how much time will a train A of length 339.89 m travelling at a speed of 10.35 m/sec will cross another train B of length 164.86 m travelling in the opposite direction at a speed of 3.89 m/sec?
(i) 36.45 sec (ii) 33.45 sec (iii) 35.45 sec (iv) 37.45 sec (v) 34.45 sec
17. The speed of a motor boat is 9.95 m/sec and the speed of a stream is 3.95 m/sec. A & B are two location adjacent to a stream. If it takes 868.54 sec to go from point A to B and come back, What is the distance between A and B?
(i) 3640.01 m (ii) 3639.01 m (iii) 3638.01 m (iv) 3641.01 m (v) 3642.01 m
18. The speed of a motor boat is 22.72 m/sec and the speed of a stream is 12.67 m/sec. A & B are two location adjacent to a stream. If the distance between A and B is 3552.00 m, how much time will it take to go from A to B and back to A?
(i) 452.80 sec (ii) 453.80 sec (iii) 455.80 sec (iv) 451.80 sec (v) 454.80 sec
19. A train travels some distance at a speed of 10.22 m/sec for 25.10 sec, some more distance at a speed of 16.89 m/sec for 29.29 sec and the remaining distance at a speed of 17.21 m/sec for 25.70 sec. What is the total distance covered?
(i) 1193.53 m (ii) 1195.53 m (iii) 1194.53 m (iv) 1192.53 m (v) 1191.53 m
20. A motor boat can travel at a speed of 40.33 m/sec downstream and 13.65 m/sec upstream. What is the speed of the stream?
(i) 11.34 m/sec (ii) 12.34 m/sec (iii) 13.34 m/sec (iv) 15.34 m/sec (v) 14.34 m/sec
21. The distance between two places X and Y is 248.03 m. Two persons A and B start simultaneously at X and Y at speeds of 18.79 m/sec and 7.25 m/sec respectively. Find the meeting point away from X where they meet each other if they are travelling in opposite direction.
(i) 180.97 m (ii) 176.97 m (iii) 177.97 m (iv) 179.97 m (v) 178.97 m
22. In how much time will a train of length 341.94 m travelling at a speed of 11.91 m/sec crosses a man riding a cycle in the same direction at a speed of 4.81 m/sec?
(i) 47.16 sec (ii) 50.16 sec (iii) 48.16 sec (iv) 46.16 sec (v) 49.16 sec
23. A motor boat can move at a speed of 14.42 m/sec in still water. If it goes downstream for 187.97 sec, it travels a distance of 4611.00 m. What is the speed of the stream?
(i) 11.11 m/sec (ii) 10.11 m/sec (iii) 12.11 m/sec (iv) 9.11 m/sec (v) 8.11 m/sec

24. A train travels 218.62 m distance at 12.80 m/sec, 325.53 m distance at 9.02 m/sec and 165.49 m distance at 4.06 m/sec. What is the total time travelled by the train?
- (i) 95.93 sec (ii) 91.93 sec (iii) 93.93 sec (iv) 92.93 sec (v) 94.93 sec
25. If a train travelling at 16.53 m/sec speed covers 306.63 m distance in a certain time, how much distance will it cover in the same time at speed 16.28 m/sec?
- (i) 302.99 m (ii) 299.99 m (iii) 300.99 m (iv) 303.99 m (v) 301.99 m

Assignment Key

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