



1. If a vehicle travels 394.05 m in 34.81 sec, what is the speed of the vehicle?
(i) 13.32 m/sec (ii) 11.32 m/sec (iii) 12.32 m/sec (iv) 10.32 m/sec (v) 9.32 m/sec
2. A motor boat can travel at a speed of 14.81 m/sec downstream and 3.73 m/sec upstream. What is the speed of the motor boat in still water?
(i) 10.27 m/sec (ii) 8.27 m/sec (iii) 9.27 m/sec (iv) 7.27 m/sec (v) 11.27 m/sec
3. If a train travels 113.74 m in 47.79 sec, what time it takes to travel 164.70 m?
(i) 67.20 sec (ii) 70.20 sec (iii) 71.20 sec (iv) 68.20 sec (v) 69.20 sec
4. A train travels 231.08 m distance at 11.56 m/sec, 482.85 m distance at 25.89 m/sec and 170.10 m distance at 6.57 m/sec. What is the total time travelled by the train?
(i) 63.53 sec (ii) 62.53 sec (iii) 66.53 sec (iv) 65.53 sec (v) 64.53 sec
5. A train crosses a telegraph post in 39.54 sec and a bridge 751.98 m long in 55.75 sec. What is the length of the train?
(i) 1834.26 m (ii) 1833.26 m (iii) 1836.26 m (iv) 1832.26 m (v) 1835.26 m
6. In how much time, a train of length 485.61 m travelling at a speed of 8.55 m/sec will cross a platform of length 228.87 m?
(i) 81.58 sec (ii) 84.58 sec (iii) 83.58 sec (iv) 85.58 sec (v) 82.58 sec
7. A train crosses a telegraph post in 15.67 sec and a bridge 1775.01 m long in 55.54 sec. What is the speed of the train?
(i) 45.52 m/sec (ii) 46.52 m/sec (iii) 44.52 m/sec (iv) 43.52 m/sec (v) 42.52 m/sec
8. A train covers a certain distance at a speed of 10.92 m/sec in 40.05 sec. If it travels at 25.71 m/sec, in what time it covers the same distance ?
(i) 19.01 sec (ii) 15.01 sec (iii) 17.01 sec (iv) 18.01 sec (v) 16.01 sec
9. The speed of a motor boat is 14.83 m/sec and the speed of a stream is 4.83 m/sec. A & B are two location adjacent to a stream. If it takes 745.12 sec to go from point A to B and come back, What is the distance between A and B?
(i) 4937.00 m (ii) 4939.00 m (iii) 4940.00 m (iv) 4941.00 m (v) 4938.00 m
10. A train travels some distance at a speed of 5.61 m/sec for 18.81 sec, some more distance at a speed of 6.25 m/sec for 28.72 sec and the remaining distance at a speed of 12.29 m/sec for 25.66 sec. What is the total distance covered?
(i) 599.38 m (ii) 602.38 m (iii) 601.38 m (iv) 600.38 m (v) 598.38 m
11. In how much time will a train A of length 459.79 m travelling at a speed of 31.93 m/sec will cross another train B of length 240.24 m travelling in the same direction at a speed of 8.33 m/sec?
(i) 28.66 sec (ii) 27.66 sec (iii) 31.66 sec (iv) 29.66 sec (v) 30.66 sec

12. In how much time will a train A of length 306.66 m travelling at a speed of 10.36 m/sec will cross another train B of length 249.71 m travelling in the opposite direction at a speed of 9.11 m/sec?
(i) 28.58 sec (ii) 29.58 sec (iii) 27.58 sec (iv) 30.58 sec (v) 26.58 sec
13. A motor boat can travel at a speed of 6.73 m/sec downstream and 0.59 m/sec upstream. How much time will it take to cross a distance of 159.69 m in still water?
(i) 43.63 sec (ii) 44.63 sec (iii) 45.63 sec (iv) 42.63 sec (v) 41.63 sec
14. If a train travelling at 8.46 m/sec speed covers 361.50 m distance in a certain time, at what speed should it travel to cover 103.83 m distance in the same time ?
(i) 4.43 m/sec (ii) 0.43 m/sec (iii) 2.43 m/sec (iv) 3.43 m/sec (v) 1.43 m/sec
15. If a train travels 443.77 m in 50.20 sec, how much distance it covers in 34.46 sec?
(i) 304.63 m (ii) 303.63 m (iii) 306.63 m (iv) 302.63 m (v) 305.63 m
16. A train travels some distance at a speed of 20.65 m/sec for 18.84 sec, some more distance at a speed of 17.94 m/sec for 17.53 sec and the remaining distance at a speed of 3.82 m/sec for 37.48 sec. What is the average speed of the train?
(i) 12.47 m/sec (ii) 10.47 m/sec (iii) 13.47 m/sec (iv) 11.47 m/sec (v) 9.47 m/sec
17. A motor boat can move at a speed of 26.11 m/sec in still water. If it goes downstream for 131.61 sec, it travels a distance of 4526.00 m. What is the speed of the stream?
(i) 10.28 m/sec (ii) 6.28 m/sec (iii) 8.28 m/sec (iv) 9.28 m/sec (v) 7.28 m/sec
18. A motor boat can move at a speed of 15.65 m/sec in still water. If it goes upstream for 597.94 sec, it travels a distance of 4054.00 m. What is the speed of the stream?
(i) 10.87 m/sec (ii) 9.87 m/sec (iii) 7.87 m/sec (iv) 6.87 m/sec (v) 8.87 m/sec
19. If a vehicle travels 310.86 km in 31.72 hr, what is the speed of the vehicle?
(i) 9.80 kmph (ii) 11.80 kmph (iii) 10.80 kmph (iv) 7.80 kmph (v) 8.80 kmph
20. A motor boat can travel at a speed of 15.52 m/sec downstream and 3.86 m/sec upstream. What is the speed of the stream?
(i) 7.83 m/sec (ii) 3.83 m/sec (iii) 6.83 m/sec (iv) 5.83 m/sec (v) 4.83 m/sec
21. If the speed of a vehicle is 7.06 m/sec, how much distance will it travel in 43.36 sec?
(i) 304.12 m (ii) 305.12 m (iii) 308.12 m (iv) 306.12 m (v) 307.12 m
22. If the speed of a vehicle is 5.57 kmph, how much time will it take to travel 274.38 km?
(i) 49.26 hr (ii) 48.26 hr (iii) 47.26 hr (iv) 51.26 hr (v) 50.26 hr
23. If the speed of a vehicle is 14.74 kmph, how much distance will it travel in 32.35 hr?
(i) 475.84 km (ii) 477.84 km (iii) 476.84 km (iv) 478.84 km (v) 474.84 km
24. The distance between two places X and Y is 228.04 m. Two persons A and B start simultaneously at X and Y at speeds of 7.73 m/sec and 5.87 m/sec respectively. Find the meeting point away from X where they meet each other if they are travelling in same direction.
(i) 948.71 m (ii) 949.71 m (iii) 947.71 m (iv) 946.71 m (v) 945.71 m

25. In how much time, a train of length 305.76 m travelling at a speed of 20.80 m/sec will cross a pole?

- (i) 14.70 sec (ii) 13.70 sec (iii) 12.70 sec (iv) 16.70 sec (v) 15.70 sec

Assignment Key

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