

- If the speed of a vehicle is 10.70 kmph, how much distance will it travel in 24.98 hr?
   (i) 266.29 km (ii) 269.29 km (iii) 267.29 km (iv) 265.29 km (v) 268.29 km
- 2. If the speed of a vehicle is 8.60 m/sec, how much distance will it travel in 45.09 sec?
  (i) 386.77 m (ii) 389.77 m (iii) 388.77 m (iv) 385.77 m (v) 387.77 m
- 3. If a vehicle travels 388.64 km in 34.95 hr, what is the speed of the vehicle?
  (i) 12.12 kmph (ii) 13.12 kmph (iii) 11.12 kmph (iv) 9.12 kmph (v) 10.12 kmph
- 4. If a vehicle travels 201.69 m in 12.59 sec, what is the speed of the vehicle?
  (i) 18.02 m/sec (ii) 17.02 m/sec (iii) 14.02 m/sec (iv) 15.02 m/sec (v) 16.02 m/sec
- 5. If the speed of a vehicle is 24.49 kmph, how much time will it take to travel 433.23 km?
  (i) 18.69 hr (ii) 15.69 hr (iii) 16.69 hr (iv) 19.69 hr (v) 17.69 hr
- 6. If the speed of a vehicle is 4.78 m/sec, how much time will it take to travel 190.91 m?
  (i) 39.94 sec (ii) 37.94 sec (iii) 40.94 sec (iv) 38.94 sec (v) 41.94 sec
- 7. If a train travels 360.62 m in 14.92 sec, how much distance it covers in 50.21 sec?
  - (i) 1214.58 m (ii) 1215.58 m (iii) 1212.58 m (iv) 1211.58 m (v) 1213.58 m
- 8. If a train travels 161.19 m in 44.90 sec, what time it takes to travel 204.40 m?
  - (i) 55.94 sec (ii) 57.94 sec (iii) 58.94 sec (iv) 56.94 sec (v) 54.94 sec
- 9. If a train covers a certain distance at a speed of 11.47 m/sec in 41.05 sec, what should be the speed to cover the same distance in 39.11 sec?
  - (i) 11.04 m/sec (ii) 10.04 m/sec (iii) 12.04 m/sec (iv) 13.04 m/sec (v) 14.04 m/sec
- 10. A train covers a certain distance at a speed of 6.86 m/sec in 32.86 sec. If it travels at 4.97 m/sec, in what time it covers the same distance ?
  - (i) 47.32 sec (ii) 44.32 sec (iii) 46.32 sec (iv) 43.32 sec (v) 45.32 sec
- 11. If a train travelling at 14.29 m/sec speed covers 499.58 m distance in a certain time, at what speed should it travel to cover 406.58 m distance in the same time ?
  - (i) 10.63 m/sec (ii) 13.63 m/sec (iii) 12.63 m/sec (iv) 11.63 m/sec (v) 9.63 m/sec
- 12. If a train travelling at 5.31 m/sec speed covers 141.41 m distance in a certain time, how much distance will it cover in the same time at speed 18.21 m/sec?
  - (i) 486.93 m (ii) 483.93 m (iii) 482.93 m (iv) 484.93 m (v) 485.93 m

A train travels some distance at a speed of 8.25 m/sec for 49.67 sec, some more distance at a speed of 4.66 13. m/sec for 36.76 sec and the remaining distance at a speed of 11.73 m/sec for 27.57 sec. What is the average speed of the train?

(i) 5.93 m/sec (ii) 6.93 m/sec (iii) 9.93 m/sec (iv) 7.93 m/sec (v) 8.93 m/sec

A train travels some distance at a speed of 9.50 m/sec for 34.13 sec, some more distance at a speed of 5.37 14. m/sec for 43.20 sec and the remaining distance at a speed of 11.10 m/sec for 36.89 sec. What is the total distance covered?

(i) 964.70 m (ii) 966.70 m (iii) 967.70 m (iv) 963.70 m (v) 965.70 m

A train travels 389.66 m distance at 29.32 m/sec, 385.17 m distance at 13.11 m/sec and 282.97 m distance at 13.69 m/sec. What is the average speed of the train?

(i) 15.70 m/sec (ii) 16.70 m/sec (iii) 18.70 m/sec (iv) 17.70 m/sec (v) 14.70 m/sec

16. A train travels 463.44 m distance at 27.39 m/sec, 270.75 m distance at 6.01 m/sec and 480.90 m distance at 10.18 m/sec. What is the total time travelled by the train?

(i) 110.21 sec (ii) 109.21 sec (iii) 111.21 sec (iv) 107.21 sec (v) 108.21 sec

A train travels 218.27 m distance for 35.84 sec, 108.72 m distance for 39.25 sec and 144.48 m distance for 37.43 sec. What is the average speed of the train?

(i) 5.19 m/sec (ii) 2.19 m/sec (iii) 6.19 m/sec (iv) 4.19 m/sec (v) 3.19 m/sec

In how much time, a train of length 113.55 m travelling at a speed of 8.80 m/sec will cross a platform of length 277.97 m?

(i) 43.51 sec (ii) 45.51 sec (iii) 44.51 sec (iv) 42.51 sec (v) 46.51 sec

19. In how much time, a train of length 477.85 m travelling at a speed of 14.26 m/sec will cross a pole?

(i) 35.51 sec (ii) 31.51 sec (iii) 33.51 sec (iv) 34.51 sec (v) 32.51 sec

- 20. In how much time will a train A of length 450.57 m travelling at a speed of 19.99 m/sec will cross another train B of length 263.67 m travelling in the same direction at a speed of 10.11 m/sec?
  - (i) 74.29 sec (ii) 71.29 sec (iii) 73.29 sec (iv) 70.29 sec (v) 72.29 sec
- In how much time will a train A of length 489.20 m travelling at a speed of 35.76 m/sec will cross another train B of length 383.83 m travelling in the opposite direction at a speed of 7.88 m/sec?

(i) 18.01 sec (ii) 19.01 sec (iii) 20.01 sec (iv) 21.01 sec (v) 22.01 sec

In how much time will a train of length 395.87 m travelling at a speed of 15.32 m/sec crosses a man riding a cycle in the same direction at a speed of 4.85 m/sec?

(i) 35.81 sec (ii) 37.81 sec (iii) 39.81 sec (iv) 36.81 sec (v) 38.81 sec

In how much time will a train of length 283.22 m travelling at a speed of 27.47 m/sec crosses a man riding a cycle in the opposite direction at a speed of 3.37 m/sec?

(i) 11.18 sec (ii) 9.18 sec (iii) 7.18 sec (iv) 8.18 sec (v) 10.18 sec

24. A train crosses a telegraph post in 36.61 sec and a bridge 1869.58 m long in 80.85 sec. What is the length of the train?

(i) 1548.14 m (ii) 1545.14 m (iii) 1549.14 m (iv) 1546.14 m (v) 1547.14 m

25. A train crosses a telegraph post in 32.60 sec and a bridge 1831.17 m long in 77.10 sec. What is the speed of the train?

(i) 41.15 m/sec (ii) 40.15 m/sec (iii) 43.15 m/sec (iv) 39.15 m/sec (v) 42.15 m/sec

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

Copyright © Small Systems Computing Pvt. Ltd.