## Time and Distance

| 1. A train travels 120 km at 40 km/hr and the next 180 km at 60 km/hr. What is its average speed?  |
|--|
| A) 48 km/hr  |
| B) 50 km/hr  |
| C) 52 km/hr  |
| D) 54 km/hr  |
| Answer: A) 48 km/hr  |
|  |
| 2. Two trains are moving in opposite directions at speeds 60 km/hr and 40 km/hr, with lengths 150 m and 120 m, respectively. How long do they take to cross each other completely? |
| A) 12 sec  |
| B) 15 sec  |
| C) 18 sec  |
| D) 20 sec  |
| Answer: A) 12 sec  |
|  |
| 3. A man walks at 5 km/hr and reaches his school 10 minutes late. If he walks at 8 km/hr, he reaches 15 minutes early. What is the distance to school?                             |
| A) 4 km  |
| B) 5 km  |
| C) 6 km  |
| D) 8 km  |
| Answer: B) 5 km  |
|  |
| 4. A car travels 45 km downstream in 3 hr and returns in 5 hr. Find speed of stream if car's speed in still water is 15 km/hr.   |
| A) 2 km/hr   |
| B) 3 km/hr   |
| C) 4 km/hr   |
| D) 5 km/hr   |

| Answer: B) 3 km/hr   |
|--|
| 5. A train running at 72 km/hr crosses a pole in 12 seconds. Find the length of the train.   |
| A) 240 m   |
| B) 250 m   |
| C) 260 m   |
| D) 270 m   |
| Answer: A) 240 m   |
| 6. A cyclist goes 10 km at 10 km/hr and 20 km at 20 km/hr. What is average speed?  |
| A) 13 km/hr  |
| B) 14 km/hr  |
| C) 15 km/hr  |
| D) 16 km/hr  |
| Answer: C) 15 km/hr  |
| 7. Two trains 120 m and 180 m long run on parallel tracks in opposite directions at speeds of 54 km/hr and 36 km/hr respectively. How long do they take to cross each other? |
| A) 16 sec  |
| B) 18 sec  |
| C) 15 sec  |
| D) 20 sec  |
| Answer: A) 16 sec  |
| 8. A boat covers 20 km upstream in 4 hours and the same distance downstream in 3 hours. What is speed of boat in still water?  |
| A) 11 km/hr  |
| B) 12 km/hr  |
| C) 13 km/hr  |
| D) 14 km/hr  |
| Answer: B) 12 km/hr  |

| 9. Two persons start from the same place and travel in opposite directions at 10 km/hr and 8 km/hr How far apart will they be after 2 hours?      |
|---|
| A) 36 km  |
| B) 32 km  |
| C) 30 km  |
| D) 28 km  |
| Answer: B) 36 km  |
|   |
| 10. A train passes a man walking in the same direction at 4 km/hr in 12 seconds. If the length of the train is 120 m, what is the speed of train? |
| A) 40 km/hr   |
| B) 44 km/hr   |
| C) 46 km/hr   |
| D) 50 km/hr   |
| Answer: C) 46 km/hr   |
|   |
| 11. Train passes a platform 200 m long in 25 seconds at 72 km/hr. What is the length of train?  |
| A) 200 m  |
| B) 220 m  |
| C) 240 m  |
| D) 260 m  |
| Answer: B) 220 m  |
|   |
| 12. A car covers half the distance at 30 km/hr and half at 60 km/hr. What is its average speed?   |
| A) 40 km/hr   |
| B) 45 km/hr   |
| C) 35 km/hr   |
| D) 48 km/hr   |
| Answer: A) 40 km/hr   |
|   |

13. Two trains of length 140 m and 160 m are running in same direction at speeds of 40 km/hr and

60 km/hr, respectively. Find time taken for faster train to overtake slower train.

| A) 14 sec   |
|---|
| B) 16 sec   |
| C) 18 sec   |
| D) 20 sec   |
| Answer: C) 18 sec   |
|   |
| 14. A man walks 5 km at 5 km/hr and cycles 15 km at 15 km/hr. What is his average speed?  |
| A) 10 km/hr   |
| B) 12 km/hr   |
| C) 14 km/hr   |
| D) 15 km/hr   |
| Answer: A) 10 km/hr   |
|   |
| 15. A train 150 m long takes 20 sec to cross a man walking at 5 km/hr in the same direction as the train. What is speed of train?     |
| A) 60 km/hr   |
| B) 64 km/hr   |
| C) 72 km/hr   |
| D) 75 km/hr   |
| Answer: A) 60 km/hr   |
|   |
| 16. Two trains 120 m and 150 m run in opposite directions at speeds 72 km/hr and 54 km/hr. How long do they take to cross each other? |
| A) 10 sec   |
| B) 12 sec   |
| C) 14 sec   |
| D) 15 sec   |
| Answer: B) 12 sec   |
|   |
| 17. A man travels first 8 km at 4 km/hr and next 24 km at 12 km/hr. What is his average speed?  |
| A) 8 km/hr  |
| B) 10 km/hr   |

| C) 11 km/hr   |
|---|
| D) 12 km/hr   |
| Answer: B) 8 km/hr  |
|   |
| 18. Two trains start at same time from two points 300 km apart and travel towards each other at speeds 60 km/hr and 90 km/hr. After how much time will they meet? |
| A) 2 hours  |
| B) 3 hours  |
| C) 4 hours  |
| D) 5 hours  |
| Answer: A) 2 hours  |
|   |
| 19. A boat covers 42 km upstream in 6 hours and 42 km downstream in 4 hours. What is speed of boat in still water?  |
| A) 9 km/hr  |
| B) 10 km/hr   |
| C) 11 km/hr   |
| D) 12 km/hr   |
| Answer: B) 10 km/hr   |
|   |
| 20. A car covers 100 km at 60 km/hr and 100 km at 40 km/hr. What is average speed?  |
| A) 48 km/hr   |
| B) 50 km/hr   |
| C) 55 km/hr   |
| D) 56 km/hr   |
| Answer: A) 48 km/hr   |
|   |
| 21. A train running at 45 km/hr crosses a pole in 10 sec. What is the length of train?  |
| A) 125 m  |
| B) 100 m  |
| C) 112.5 m  |
| D) 90 m   |

Answer: C) 125 m

| 22. Two trains running in opposite directions pass a man in 12 s and 13 s, lengths are respectively 120 m and 130 m. What is the ratio of their speeds? |
|---|
| A) 12:13  |
| B) 13:12  |
| C) 11:12  |
| D) 13:14  |
| Answer: A) 12:13  |
|   |
| 23. A person walks 12 km at 4 km/hr and cycles 18 km at 9 km/hr. What is average speed?   |
| A) 6.3 km/hr  |
| B) 6.5 km/hr  |
| C) 7 km/hr  |
| D) 7.2 km/hr  |
| Answer: C) 6 km/hr  |
|   |
| 24. If a boat takes 2 hrs to go 18 km upstream and 1 hr to return, speed of stream?   |
| A) 3 km/hr  |
| B) 4 km/hr  |
| C) 5 km/hr  |
| D) 2 km/hr  |
| Answer: A) 3 km/hr  |
|   |
| 25. A train 240 m long passes a platform of 260 m in 24 sec. What is speed of train?  |
| A) 75 km/hr   |
| B) 80 km/hr   |
| C) 85 km/hr   |
| D) 90 km/hr   |
| Answer: A) 75 km/hr   |
|   |

| 26. Two trains running at 54 km/hr and 72 km/hr cross each other in 10 sec, one is 100 m long. Find length of other.  |
|---|
| A) 140 m  |
| B) 150 m  |
| C) 160 m  |
| D) 170 m  |
| Answer: B) 150 m  |
|   |
| 27. A cyclist covers a distance of 80 km at 20 km/hr and 40 km at 10 km/hr. Find average speed.   |
| A) 16.7 km/hr   |
| B) 17.5 km/hr   |
| C) 18 km/hr   |
| D) 19 km/hr   |
| Answer: A) 16.7 km/hr   |
|   |
| 28. A car covers half the journey at 36 km/hr and other half at 54 km/hr. What is the average speed?  |
| A) 42 km/hr   |
| B) 44 km/hr   |
| C) 45 km/hr   |
| D) 48 km/hr   |
| Answer: A) 43.2 km/hr   |
|   |
| 29. Two trains, each 100 m long, start simultaneously from two stations 1856 m apart towards each other. Speeds are 36 km/hr, 54 km/hr. Find time when they meet. |
| A) 20 min   |
| B) 22 min   |
| C) 24 min   |
| D) 25 min   |
| Answer: C) 22 min   |
|   |
| 30. A motorboat can travel 12 km downstream in 3 hours and 18 km upstream in 6 hours. What is speed of boat in still water?                                       |

| A) 5 km/hr  |
|---|
| B) 6 km/hr  |
| C) 7 km/hr  |
| D) 8 km/hr  |
| Answer: B) 6 km/hr  |
|   |
| 31. A runner runs first 5 km at 6 km/hr, next 5 km at 8 km/hr. What is his average speed?   |
| A) 7 km/hr  |
| B) 7.2 km/hr  |
| C) 7.5 km/hr  |
| D) 8 km/hr  |
| Answer: A) 6.857 km/hr  |
|   |
| 32. Two trains running in opposite directions pass a telegraph post in 14 sec and 16 sec, lengths are 140 m, 160 m. Find ratio of their speeds? |
| A) 7:8  |
| B) 8:7  |
| C) 9:8  |
| D) 10:9   |
| Answer: B) 8:7  |
|   |
| 33. A car covers 18 km at 36 km/hr and 36 km at 54 km/hr. What is average speed?  |
| A) 44 km/hr   |
| B) 48 km/hr   |
| C) 50 km/hr   |
| D) 52 km/hr   |
| Answer: B) 48 km/hr   |
|   |
| 34. A train crossing a 200 m long platform in 30 sec at 60 km/hr. What is length of train?  |
| A) 300 m  |
| B) 350 m  |

| C) 400 m  |
|---|
| D) 450 m  |
| Answer: B) 300 m  |
|   |
| 35. Two cars travel 420 km at 70 km/hr and return at 60 km/hr. Find average speed.    |
| A) 64.6 km/hr   |
| B) 65 km/hr   |
| C) 66 km/hr   |
| D) 67 km/hr   |
| Answer: A) 64.6 km/hr   |
|   |
| 36. A man walks 20 km at 4 km/hr and cycles 48 km at 16 km/hr. What is average speed? |
| A) 10 km/hr   |
| B) 12 km/hr   |
| C) 14 km/hr   |
| D) 16 km/hr   |
| Answer: B) 12 km/hr   |
|   |
| 37. Train passes pole in 8 seconds at speed 45 km/hr. What is length of train?        |
| A) 100 m  |
| B) 120 m  |
| C) 130 m  |
| D) 140 m  |
| Answer: C) 100 m  |
|   |
| 38. A car travels 100 km at 20 km/hr and 120 km at 30 km/hr. What is average speed?   |
| A) 25.2 km/hr   |
| B) 26 km/hr   |
| C) 27 km/hr   |
| D) 28 km/hr   |
| Answer: B) 25.714 km/hr   |

| 39. A train crosses a 250 m long bridge in 35 sec at 72 km/hr. Find length of train.                                       |
|--|
| A) 250 m   |
| B) 300 m   |
| C) 350 m   |
| D) 400 m   |
| Answer: B) 350 m   |
|  |
| 40. Two trains 120m, 140m long run at speeds 60 km/hr and 72 km/hr in opposite directions. Time taken to cross each other? |
| A) 12 sec  |
| B) 14 sec  |
| C) 16 sec  |
| D) 18 sec  |
| Answer: A) 12 sec  |
|  |
| 41. A man walks 12km at 4km/hr and runs 8km at 8km/hr. What is average speed?  |
| A) 5 km/hr   |
| B) 6 km/hr   |
| C) 7 km/hr   |
| D) 8 km/hr   |
| Answer: A) 5.33 km/hr  |
|  |
| 42. Train passes a station 400 m long in 48 sec at 54 km/hr. Find length of train.   |
| A) 320 m   |
| B) 350 m   |
| C) 360 m   |
| D) 380 m   |
| Answer: A) 320 m   |
|  |
| 43. Two trains running in opposite directions are 180 m, 240 m long; speeds 72 km/hr, 54 km/hr.                            |

Their time to cross each other?

| A) 15 sec  |
|--|
| B) 16 sec  |
| C) 17 sec  |
| D) 18 sec  |
| Answer: A) 15 sec  |
|  |
| 44. A man rows 15 km upstream in 3 hr, same distance downstream in 1.5 hr. Find stream speed.  |
| A) 2 km/hr   |
| B) 3 km/hr   |
| C) 4 km/hr   |
| D) 5 km/hr   |
| Answer: C) 2.5 km/hr   |
|  |
| 45. A cyclist travels 5 km at 15 km/hr, 10 km at 30 km/hr. What is his average speed?  |
| A) 21 km/hr  |
| B) 22.5 km/hr  |
| C) 25 km/hr  |
| D) 30 km/hr  |
| Answer: A) 22.5 km/hr  |
|  |
| 46. Train passes platform 250 m long in 20 sec at 72 km/hr. Find length of train.  |
| A) 150 m   |
| B) 180 m   |
| C) 200 m   |
| D) 220 m   |
| Answer: A) 150 m   |
|  |
| 47. Two trains running in same direction at 54 km/hr, 36 km/hr cross each other in 90 sec. First train 180 m. Find length of second. |
| A) 210 m   |
| B) 220 m   |

| C) 230 m   |
|--|
| D) 240 m   |
| Answer: C) 210 m   |
|  |
| 48. Man walks 8 km at 4 km/hr, cycles 24 km at 12 km/hr. What is average speed?                  |
| A) 8 km/hr   |
| B) 10 km/hr  |
| C) 12 km/hr  |
| D) 14 km/hr  |
| Answer: B) 10 km/hr  |
|  |
| 49. Boat covers 30 km downstream in 2 hr, returns in 3 hr. Stream speed?                         |
| A) 2 km/hr   |
| B) 3 km/hr   |
| C) 4 km/hr   |
| D) 5 km/hr   |
| Answer: A) 2 km/hr   |
|  |
| 50. Train passes 150 m long bridge in 20 sec at 54 km/hr. Length of train?                       |
| A) 150 m   |
| B) 160 m   |
| C) 170 m   |
| D) 180 m   |
| Answer: B) 180 m   |
|  |
| 51. A train 200 m long passes a tunnel 600 m long in 40 seconds. What is the speed of the train? |
| A) 72 km/hr  |
| B) 75 km/hr  |
| C) 80 km/hr  |
| D) 81 km/hr  |
| Answer: A) 72 km/hr  |

| 52. Two persons start at the same point, walk at speeds 4 km/hr and 5 km/hr in opposite directions. Find distance between them after 2 hours. |
|---|
| A) 18 km  |
| B) 16 km  |
| C) 15 km  |
| D) 14 km  |
| Answer: B) 18 km  |
|   |
| 53. A boat travels 18 km upstream in 3 hours and same distance downstream in 2 hours. Speed of stream?  |
| A) 2 km/hr  |
| B) 3 km/hr  |
| C) 4 km/hr  |
| D) 5 km/hr  |
| Answer: B) 3 km/hr  |
|   |
| 54. A man cycles 20 km at 10 km/hr and returns at 20 km/hr. What is average speed for whole journey?  |
| A) 13.3 km/hr   |
| B) 14.5 km/hr   |
| C) 15 km/hr   |
| D) 16 km/hr   |
| Answer: A) 13.3 km/hr   |
|   |
| 55. Two trains, 180 m and 220 m, run in opposite directions at 54 km/hr and 72 km/hr. When do they cross each other?                          |
| A) 16 sec   |
| B) 18 sec   |
| C) 20 sec   |
| D) 22 sec   |
| Answer: B) 18 sec   |

| 56. A man walks for 10 min at 6 km/hr and cycles 30 min at 12 km/hr. What is average speed for journey?  |
|--|
| A) 10 km/hr  |
| B) 12 km/hr  |
| C) 13 km/hr  |
| D) 14 km/hr  |
| Answer: B) 10 km/hr  |
|  |
| 57. Train passes a platform 300 m long in 50 sec at 54 km/hr. Find length of train.  |
| A) 300 m   |
| B) 310 m   |
| C) 320 m   |
| D) 350 m   |
| Answer: B) 310 m   |
|  |
| 58. A runner finishes 400 m race in 40 s. What is his speed in km/hr?  |
| A) 24 km/hr  |
| B) 27 km/hr  |
| C) 36 km/hr  |
| D) 40 km/hr  |
| Answer: C) 36 km/hr  |
|  |
| 59. Two trains of equal length cross each other in 15 seconds when moving in opposite directions at 54 km/hr and 60 km/hr. Find each train's length. |
| A) 150 m   |
| B) 170 m   |
| C) 180 m   |
| D) 190 m   |
| Answer: A) 150 m   |
|  |

60. A train running at 54 km/hr passes a stationary man in 18 seconds. Find length of train.

| A) 270 m  |
|---|
| B) 280 m  |
| C) 290 m  |
| D) 300 m  |
| Answer: A) 270 m  |
|   |
| 61. Boat covers 16 km downstream in 2 hours and 12 km upstream in 3 hours. Speed of stream? |
| A) 1 km/hr  |
| B) 2 km/hr  |
| C) 3 km/hr  |
| D) 4 km/hr  |
| Answer: B) 1 km/hr  |
|   |
| 62. Cyclist covers 8 km at 24 km/hr and 14 km at 42 km/hr. Find average speed.              |
| A) 34 km/hr   |
| B) 35 km/hr   |
| C) 36 km/hr   |
| D) 37 km/hr   |
| Answer: A) 34 km/hr   |
|   |
| 63. A car travels 370 km in 5.5 hours. What is speed of car?                                |
| A) 66 km/hr   |
| B) 67 km/hr   |
| C) 68 km/hr   |
| D) 69 km/hr   |
| Answer: C) 67.2 km/hr   |
|   |
| 64. Man walks 5 km at 5 km/hr and cycles 10 km at 20 km/hr. What is average speed?          |
| A) 10 km/hr   |
| B) 11.3 km/hr   |
| C) 12 km/hr   |

| D) 13 km/hr   |
|---|
| Answer: B) 11.3 km/hr   |
|   |
| 65. Two trains 200 m and 300 m long pass each other in 20 seconds, speeds being 60 km/hr and 90 km/hr. Find relative speed. |
| A) 150 km/hr  |
| B) 120 km/hr  |
| C) 100 km/hr  |
| D) 90 km/hr   |
| Answer: B) 150 km/hr  |
|   |
| 66. Distance between two cities is 210 km. Car covers first half at 42 km/hr, second half at 70 km/hr. Find average speed.  |
| A) 54 km/hr   |
| B) 56 km/hr   |
| C) 60 km/hr   |
| D) 62.5 km/hr   |
| Answer: C) 54 km/hr   |
|   |
| 67. Train passes bridge 700 m long in 70 s at speed 108 km/hr. Find length of train.  |
| A) 300 m  |
| B) 350 m  |
| C) 400 m  |
| D) 440 m  |
| Answer: A) 350 m  |
|   |
| 68. Two trains 120 m, 180 m long run opposite direction at 36 km/hr, 54 km/hr. How long do they take to cross each other?   |
| A) 14 sec   |
| B) 16 sec   |
| C) 18 sec   |
| D) 20 sec   |

| Answer: B) 16 sec  |
|--|
| 69. Boat covers 20 km downstream in 2 hours and 15 km upstream in 3 hours. Speed of stream?  |
| A) 1 km/hr   |
| B) 2 km/hr   |
| C) 3 km/hr   |
| D) 4 km/hr   |
| Answer: B) 2 km/hr   |
| Allswer. b) 2 km/m   |
| 70. Car travels 48 km in 45 min. What is speed in m/s?   |
| A) 17.7 m/s  |
| B) 18 m/s  |
| C) 19.5 m/s  |
| D) 20 m/s  |
| Answer: B) 17.77 m/s   |
|  |
| 71. Train passes a 120 m platform in 20 sec at 54 km/hr. Find length of train.   |
| A) 180 m   |
| B) 190 m   |
| C) 200 m   |
| D) 210 m   |
| Answer: B) 180 m   |
|  |
| 72. Two trains, 100 m and 150 m long, cross parallel tracks in same direction at speeds 54 km/hr and 36 km/hr. Time to cross each other? |
| A) 50 sec  |
| B) 55 sec  |
| C) 45 sec  |
| D) 40 sec  |
| Answer: C) 50 sec  |

| 73. Boat speed in still water 15 km/hr, stream speed 5 km/hr. Downstream time for 45 km?                                  |
|---|
| A) 3 hr   |
| B) 2.5 hr   |
| C) 2 hr   |
| D) 1.5 hr   |
| Answer: B) 2.5 hr   |
|   |
| 74. Man walks 40 km in 10 hours, spends an equal time running. Running speed is twice walking speed. Find average speed.  |
| A) 6 km/hr  |
| B) 8 km/hr  |
| C) 10 km/hr   |
| D) 12 km/hr   |
| Answer: B) 8 km/hr  |
|   |
| 75. Train speeds: First half journey at 50 km/hr, second half at 100 km/hr. Average speed?                                |
| A) 60 km/hr   |
| B) 66.67 km/hr  |
| C) 75 km/hr   |
| D) 80 km/hr   |
| Answer: B) 66.67 km/hr  |
|   |
| 76. Car covers 120 km in 1.5 hours, what is speed in m/s?   |
| A) 20 m/s   |
| B) 22 m/s   |
| C) 24 m/s   |
| D) 25 m/s   |
| Answer: C) 22.22 m/s  |
|   |
| 77. Two trains 200 m and 280 m long cross each other in 28 sec. Speeds 48 km/hr, 54 km/hr. Find time to cross each other. |

A) 28 sec

| B) 30 sec  |
|--|
| C) 32 sec  |
| D) 34 sec  |
| Answer: A) 28 sec  |
|  |
| 78. Cyclist covers 24 km at 16 km/hr and returns at 12 km/hr. Find average speed.    |
| A) 13.7 km/hr  |
| B) 14 km/hr  |
| C) 15 km/hr  |
| D) 16 km/hr  |
| Answer: A) 13.71 km/hr   |
|  |
| 79. Train passes a man at 54 km/hr in 15 sec, length is?                             |
| A) 225 m   |
| B) 250 m   |
| C) 275 m   |
| D) 300 m   |
| Answer: B) 225 m   |
|  |
| 80. Car covers 90 km at 36 km/hr, next 130 km at 65 km/hr. Find average speed.       |
| A) 51 km/hr  |
| B) 54 km/hr  |
| C) 56 km/hr  |
| D) 60 km/hr  |
| Answer: B) 51 km/hr  |
|  |
| 81. Boat covers 20 km upstream in 5 hr and same downstream in 3 hr. Speed of stream? |
| A) 2 km/hr   |
| B) 3 km/hr   |
| C) 4 km/hr   |
| D) 5 km/hr   |

Answer: A) 2 km/hr 82. Train crosses 350 m long platform in 40 sec at 54 km/hr. Length of train? A) 340 m B) 350 m C) 360 m D) 370 m Answer: C) 350 m 83. Two runners start from same point, go in opposite direction at 7 km/hr and 9 km/hr. How far after 2 hours? A) 28 km B) 30 km C) 32 km D) 34 km Answer: B) 32 km 84. Boat covers 30 km downstream in 2 hours, upstream in 3 hours. Boat speed? A) 12 km/hr B) 13 km/hr C) 14 km/hr D) 15 km/hr Answer: A) 12 km/hr 85. Man cycles 8 km at 16 km/hr and walks 4 km at 4 km/hr. Average speed? A) 7.2 km/hr B) 8 km/hr

Answer: A) 7.2 km/hr

C) 8.5 km/hr

D) 9 km/hr

| 86. Train passes two men walking in same direction at 5 km/hr and 6 km/hr in 22 sec and 20 sec. Train speed?                                   |
|--|
| A) 48 km/hr  |
| B) 54 km/hr  |
| C) 60 km/hr  |
| D) 66 km/hr  |
| Answer: B) 54 km/hr  |
| 87. Man covers 15 km by walking and cycling. Walking speed 6 km/hr, cycling 18 km/hr, time spent cycling is 1/3 walking time. Find total time. |
| A) 3 hr  |
| B) 2 hr  |
| C) 1 hr  |
| D) 4 hr  |
| Answer: B) 2 hr  |
|  |
| 88. Two trains of lengths 200 m and 400 m pass a man in 10 sec and 20 sec. Ratio of speeds?  |
| A) 1:2   |
| B) 2:1   |
| C) 2:3   |
| D) 3:2   |
| Answer: A) 1:2   |
|  |
| 89. Runner completes a 2.5 km race in 6 minutes. What is speed in km/hr?   |
| A) 25  |
| B) 24  |
| C) 30  |
| D) 20  |
| Answer: C) 25 km/hr  |
|  |
| 90. Train passes a pole in 9 sec at 72 km/hr. What is length of train?   |
| A) 180 m   |

| B) 190 m   |
|--|
| C) 200 m   |
| D) 210 m   |
| Answer: A) 180 m   |
|  |
| 91. Boat speed in still water 10 km/hr. Stream speed 2 km/hr. Downstream time for 24 km?   |
| A) 2 hr  |
| B) 2.4 hr  |
| C) 3 hr  |
| D) 3.5 hr  |
| Answer: B) 2 hr  |
|  |
| 92. Two trains moving in same direction at 90 km/hr and 80 km/hr cross each other in 27 sec, second train is 150 m. Length of first train? |
| A) 320 m   |
| B) 240 m   |
| C) 300 m   |
| D) 150 m   |
| Answer: C) 270 m   |
|  |
| 93. Train travels 180 km in 2 hrs 15 min. What is average speed?   |
| A) 80 km/hr  |
| B) 85 km/hr  |
| C) 90 km/hr  |
| D) 95 km/hr  |
| Answer: C) 80 km/hr  |
|  |
| 94. Boy runs around a 110 m track for 20 rounds in 16 minutes. What is his speed?  |
| A) 2.29 m/s  |
| B) 2.35 m/s  |
| C) 2.42 m/s  |

| D) 2.5 m/s   |
|--|
| Answer: A) 2.29 m/s  |
|  |
| 95. Train passes a pole in 20 sec at 54 km/hr. Length is?  |
| A) 300 m   |
| B) 320 m   |
| C) 350 m   |
| D) 400 m   |
| Answer: A) 300 m   |
|  |
| 96. Person takes 4 hrs to cover distance at 4 km/hr. If speed increases by 2 km/hr, time taken is?               |
| A) 2.5 hrs   |
| B) 2.67 hrs  |
| C) 3 hrs   |
| D) 3.5 hrs   |
| Answer: C) 2.67 hrs  |
|  |
| 97. Two trains of equal length running in opposite directions pass a pole in 20s and 30s. Ratio of their speeds? |
| A) 2:3   |
| B) 3:2   |
| C) 1:2   |
| D) 2:1   |
| Answer: B) 3:2   |
|  |
| 98. Man cycles 5 km at 10 km/hr, 10 km at 15 km/hr, and 5 km at 20 km/hr. Find average speed.                    |
| A) 12.8 km/hr  |
| B) 13 km/hr  |
| C) 13.5 km/hr  |
| D) 14 km/hr  |
| Answer: A) 12.8 km/hr  |

| 99. Train passes a platform 220 m long in 30 sec at 54 km/hr. Length of train?                   |
|--|
| A) 250 m   |
| B) 270 m   |
| C) 280 m   |
| D) 300 m   |
| Answer: A) 250 m   |
|  |
|  |
| 100. Man walks 6 km at 3 km/hr, then cycles 18 km at 9 km/hr. What is average speed?             |
| 100. Man walks 6 km at 3 km/hr, then cycles 18 km at 9 km/hr. What is average speed?  A) 6 km/hr |
|  |
| A) 6 km/hr   |
| A) 6 km/hr B) 7 km/hr  |
| A) 6 km/hr B) 7 km/hr C) 7.5 km/hr   |