

1. Walking at a speed of 3 kms/hr, a man takes 8 hours to complete a journey. How much time will be required if his speed is 4 km/hr?
1) 12hrs 2) 8hrs 3) 6hrs 4) 9hrs 5) None
2. A man needs to travel 600 km in 10 hours. He covers 200 km in 6 hours. At what speed must he travel now to reach his destination on time?
1) 80kmph 2) 600kmph 3) 100kmph 4) 75kmph 5) None
3. Ravi has to travel 168 km distance in 2 hrs 40 minutes. He travels 120 km distance at 90 kmph. At what speed he has to cover the remaining distance to complete the journey at stipulated time ?
1) 30kmph 2) 36kmph 3) 45kmph 4) 40kmph 5) None
4. By walking at $\frac{3}{4}$ of his usual speed, a man reaches his office 20 minutes late than usual. His usual time is
1) 30mins 2) 60mins 3) 75mins 4) 11/2hours 5) None
5. A certain distance is covered at a certain speed. If half this distance is covered in double the time the ratio of the two speeds is
1) 1: 4 2) 1: 2 3) 4 :1 4) 2:1 5) None of these
6. A train running at a speed of 42 mps crosses a man running in opposite direction at 8 mps in 10 sec. What is the length of the train ?
1) 500mts 2) 250mts 3) 300mts 4) 400mts 5) None
7. Two trains are running on parallel lines in the same direction at 50 km/h and 30 km/h. If the faster train crosses a man in the slower train in 18 seconds, the length of the faster train is...
1) 85 mts 2) 100 mts 3) 170 mts 4) 98 mts 5) None
8. A train crosses a bridge of 220 m in 36 seconds and it crosses a telegraph pole in 24 seconds. What is the length of the train ?
1) 420 mts 2) 240 mts 3) 360 mts 4) 440 mts. 5) None
9. A train moving at a constant speed crosses a 325 meters long bridge in 25 seconds and another bridge of 250 meters long in 20 seconds. Find the length of the train ?
1) 50 m 2) 300 m 3) 250 4) 150 m 5) None
10. Ramya takes 7 hrs to walk to a certain place and ride back. However she would gain 2.5 hours, if she rides both the ways. How long would she take to walk both the ways?
1) 6 1/2hrs 2) 8hrs 3) 9 1/2hrs 4) 8 1/2hrs 5) None
11. A bus without stopping travels at an average speed of 50 kmph and with stoppages at an average speed of 45 kmph. How many minutes does the bus stop on an average per hour?
1) 6 min 2) 20 min 3) 5 min 4) 2 min 5) None
12. If a train runs at 40 km/hr it reaches its destination late by 11 min, but if it runs at 50 km/hr it is late by 5 min only. The correct time for the train to complete its journey is
1) 13 min 2) 15 min 3) 21 min 4) 19 min 5) None
13. Two stations A and B are 960 km apart on a straight line. One train starts from A at 1 a.m. and travels towards B at 70 kmph. Another train starts from B at 4 a.m. and travels towards A at 80 kmph. At what time will they meet ?
1) 9 a.m. 2) 7 a.m. 3) 8 a.m. 4) 10 a.m. 5) None
14. At 2.00 pm, Ajay starts to walk at 6 kmph. At 4 pm Vijay follows him on a bicycle at 8 kmph. When will he meet Ajay?
1) 6 p.m. 2) 7 p.m. 3) 8 p.m. 4) 10 p.m. 5) None
15. A train of length 100 m is travelling at 60 kmph. Another train 150 m long is moving at 40 kmph in the opposite direction- If the front ends are 1 km apart initially and travelling towards each other, after how much time will the rear ends of the train be 1km apart ?
1) 60sec 2) 81sec 3) 2.95min 4) 29.5min 5) None
16. An athlete runs along the perimeter of a square field of side 10 Kms. He runs along the first side at 10 kmph, along the second side at 20 kmph, along the third side at 30 kmph and along the fourth side at 40 kmph. His average speed is
1) 18kmph 2) 20kmph 3) 19.2kmph 4) 18.2kmph 5) None of these
17. 'A' normally walks at 6 kmph and reaches his office in 2 hrs. One day after walking for one fourth of the distance, 'A' returned home because he had forgotten a parcel. He increased his speed on the return journey and back so that he took the same time as earlier. Find his increased speed.
1) 12kmph 2) 16 kmph 3) 10 kmph 4) 14 kmph 5) Data insufficient
18. A man can row 12 km/hr in still water. When the river is running at 2 km/hr it takes him 2 hrs to row to a place and be back. How far is the place?
1) 11.66 km 2) 11km 3) 11.5 km 4) 115 km 5) None
19. A man rows 27 kms with the stream and 15 km against the stream taking 4 hrs each time. Find his rate per hour in still water ?
1) 5 1/4 km/hr 2) 5 1/3 km/hr 3) 5 1/2 km/hr 4) 5 2/1 km/hr 5) None of these
20. A person can row 7 1/2 km/hr in still water. It takes him twice as long to row up a distance as to row down the same distance. Find the speed of the stream.
1) 2 km/hr. 2) 12 km/hr. 3) 3 km/hr. 4) 4 km/hr 5) None of these