Time Speed distance-1 test

Q1. If a person walks at 14 km/hr instead of 10 km/hr, he would have walked 20 km more. The actual distance travelled by him is:

(a) 50 km   (b) 56 km   (c) 70 km   (d) None of these

Q2. Excluding stoppages, the speed of a bus is 60 kmph and including stoppages, it is 48 kmph. For how many minutes does the bus stop per hour?

(a) 9   (b) 10   (c) 12   (d) 20

Q3. The ratio between the speeds of two trains is 7 : 8. If the second train runs 400 km in 4 hours, then the speed of the first train is:

(a) 70 kmph   (b) 55 kmph   (c) 80 kmph   (d) 87.5 kmph

Q4. Mr. Rakesh is travelling on his cycle and has calculated to reach point P at 8 P.M while traveling at 20 kmph, he will reach there at 6 PM if he travels at 30 kmph. At what speed must he travel to reach P at 7 P.M.?

(a) 16 kmph   (b) 22 kmph   (c) 24 kmph   (d) 28 kmph

Q5. On his way to office, the lawyer was travelling at 30 kmph and on the return journey, he was travelling at 45 kmph. What is Lawyer's average speed?

(a) 36 kmph   (b) 37.5 kmph   (c) Data inadequate   (d) None of these

Q6. Travelling at 6 kmph, Niharika reaches her office 20 minutes late. Travelling at 8 kmph, she reaches her office 30 minutes early. What is her usual speed?

(a) 6 kmph   (b) 6(2/3) kmph   (c) 7.5 kmph   (d) None of these

Q7. A runner can complete a 750 m race in two and a half minutes. Will he be able to beat another runner who runs at 17.95 km/hr?

(a) Yes   (b) No   (c) Can't say

Q8. A train 125 m long passes a man, running at 5 km/hr in the same direction in which the train is going, in 10 seconds. The speed of the train is:

(a) 45 kmph   (b) 50 kmph   (c) 65 kmph   (d) 95 kmph

Q9. A train passes a station platform in 36 seconds and a man standing on the platform in 20 seconds. If the speed of the train is 54 km/hr, what is the length of the platform?
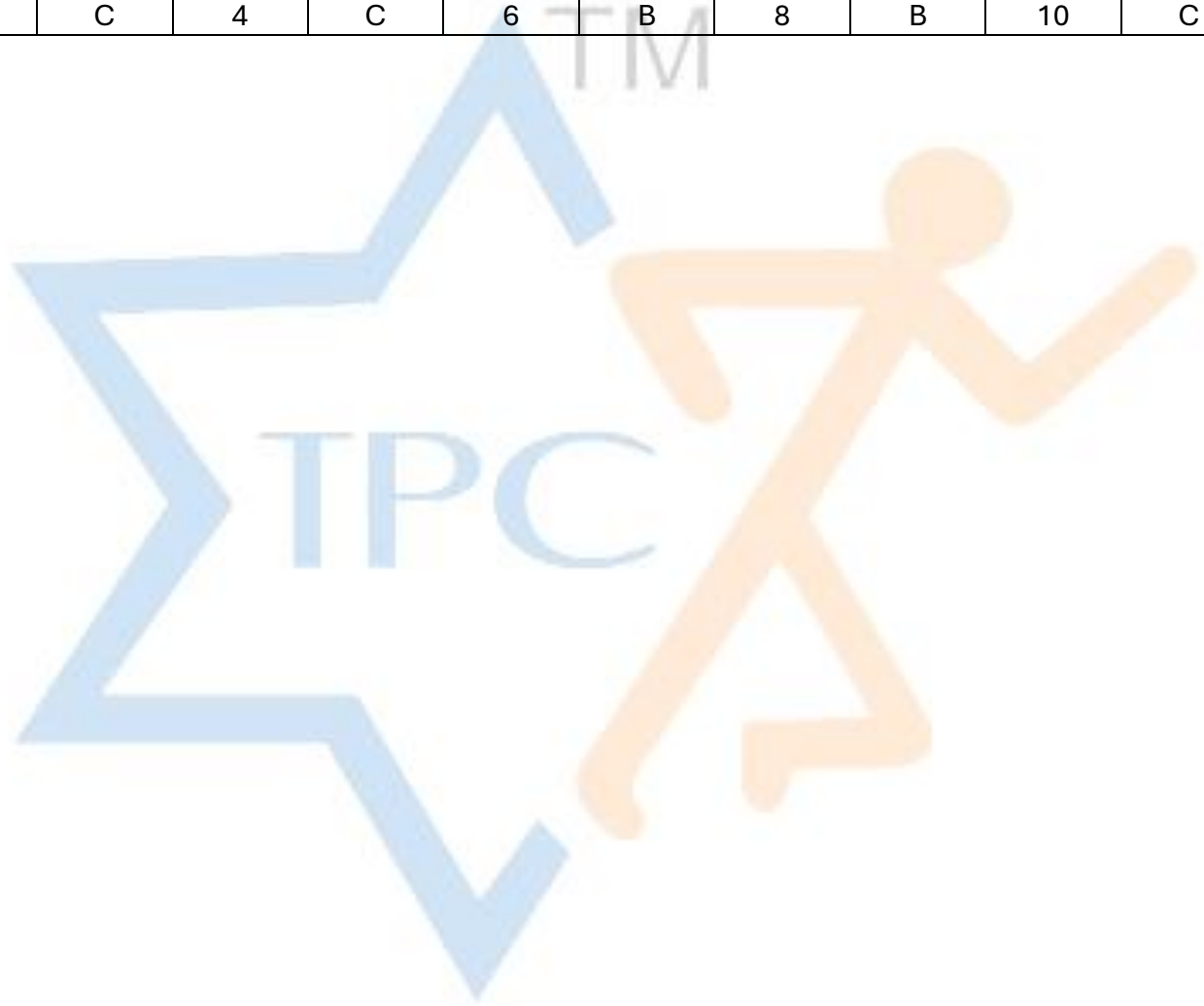
(a) 120 m   (b) 240 m   (c) 300 m   (d) None of these

Q10. A boat can travel with a speed of 13 km/hr in still water. If the speed of the stream is 4 km/hr, find the time taken by the boat to go 68 km downstream.

(a) 2 hours   (b) 3 hours   (c) 4 hours   (d) 5 hours

Answer key

1	A	3	D	5	A	7	A	9	B
2	C	4	C	6	B	8	B	10	C