

Speed, Distance & Time: Medium Practice Paper 5

Q1. A coach travels 231 km in 3 hours. What is its average speed?

- A. 67 km/h B. 70 km/h C. 74 km/h D. 77 km/h E. 81 km/h

Q2. A car travels at a steady 60 km/h for 1 hour 40 minutes. How far does it go?

- A. 80 km B. 90 km C. 100 km D. 110 km E. 160 km

Q3. A journey of 105 km is driven at a steady 42 km/h. How long does it take?

- A. 2 hours
B. 2 hours 15 minutes
C. 2 hours 30 minutes
D. 2 hours 45 minutes
E. 3 hours

Q4. A speed of 20 m/s is the same as which speed in kilometres per hour?

- A. 36 km/h B. 54 km/h C. 60 km/h D. 72 km/h E. 80 km/h

Q5. A journey starts at 10:18 and ends at 12:03. How long does it take?

- A. 1 hour 35 minutes
B. 1 hour 45 minutes
C. 1 hour 55 minutes
D. 2 hours 15 minutes
E. 2 hours 45 minutes

Q6. A train travels 25 km in 20 minutes. What is its average speed in kilometres per hour?

- A. 50 km/h B. 60 km/h C. 70 km/h D. 75 km/h E. 80 km/h

Q7. A car travels for 2 hours at 45 km/h and then for 1 hour at 60 km/h. What is its average speed for the whole journey?

- A. 45 km/h B. 50 km/h C. 52.5 km/h D. 55 km/h E. 60 km/h

Q8. A van travels at a steady 66 km/h for 50 minutes. How far does it go?

- A. 44 km B. 50 km C. 55 km D. 60 km E. 66 km

Q9. How long does it take to walk 6 km at a steady 8 km/h?

- A. 30 minutes
B. 40 minutes
C. 45 minutes
D. 50 minutes
E. 1 hour 20 minutes

Q10. A train leaves at 06:55 and arrives at 09:40. How long is the journey?

- A. 2 hours 15 minutes
B. 2 hours 35 minutes
C. 2 hours 45 minutes
D. 3 hours 15 minutes
E. 3 hours 45 minutes

Q11. A runner covers 800 m in 2 minutes 40 seconds. What is the average speed?

- A. 4 m/s B. 5 m/s C. 6 m/s D. 8 m/s E. 10 m/s

Q12. A journey at a steady 40 km/h takes 4 hours 30 minutes. How long is the journey?

- A. 140 km B. 160 km C. 170 km D. 180 km E. 200 km

Q13. A journey of 180 km is driven at a steady 60 km/h. How long does it take?

- A. 2 hours
B. 2 hours 30 minutes
C. 3 hours
D. 3 hours 30 minutes
E. 4 hours

Q14. A bus travels 15 km in 25 minutes. At the same speed, how far would it travel in one hour?

- A. 30 km B. 32 km C. 36 km D. 40 km E. 45 km

Q15. Ben cycles a route at 15 km/h and it takes him 20 minutes. Amy walks the same route at 5 km/h. How long does Amy take?

- A. 40 minutes
B. 50 minutes
C. 1 hour
D. 1 hour 15 minutes
E. 1 hour 30 minutes