



Sub-strand 3.5 — TIME, DISTANCE & SPEED

SECTION A — MULTIPLE CHOICE (20 marks)

1. 02:30 pm in 24-hour clock =
   A. 14:30 B. 2:30
   C. 12:30 D. 16:30
2. How many seconds in 2 hours?
   A. 7 200 B. 12 000
   C. 3 600 D. 200
3. If distance = 120 km and time = 2 h, speed =
   A. 60 km/h B. 240 km/h
   C. 62 km/h D. 30 km/h
4. Convert 5 m/s to km/h:
   A. 18 km/h B. 5 km/h
   C. 50 km/h D. 1.39 km/h
5. A train leaves at 09:45 and arrives at 14:10. Journey time =
   A. 4 h 25 min B. 5 h 15 min
   C. 3 h 25 min D. 4 h 35 min
6. If speed = 72 km/h, distance in 30 minutes =
   A. 36 km B. 72 km C. 18 km D. 24 km
7. 24-hour time 00:00 is same as:
   A. 12:00 am B. 12:00 pm
   C. 00:00 pm D. 24:00 pm
8. A cyclist moves at 4 m/s. In 10 minutes he travels:
   A. 2 400 m B. 400 m C. 240 m D. 24 000 m
9. If a car travels at 90 km/h, time to travel 45 km =
   A. 0.5 h
   B. 0.25 h
   C. 1 h
   D. 45 min
10. A time/distance graph with a flat (horizontal) segment means:
    A. Stationary B. Moving fast
    C. Acceleration D. Constant slope
11. Convert 2 h 45 min into minutes =
    A. 165 min B. 185 min C. 120 min D. 145 min
12. If speed is 2.5 m/s, in 1 minute distance =
    A. 150 m B. 2.5 m C. 15 m D. 250 m
13. A bus starts at 06:20 and reaches 10:05. How long?
    A. 3 h 45 min B. 4 h 15 min
    C. 5 h 45 min D. 4 h 25 min
14. Convert 15:30 to 12-hour =
    A. 03:30 pm B. 3:30 am C. 15:30 pm D. 03:30 am
15. A car covers 180 km in 2.5 hours. Speed =
    A. 72 km/h B. 90 km/h C. 45 km/h D. 36 km/h

WORKING SPACE



