

Introduction of Motion and Time

1. Fill in the blanks

- A. When a body rotates on its own axis is called _____.
- B. Displacement is the shortest distance between the _____ and _____ Position.
- C. Car is in _____ when it changes its position with time.
- D. An object which takes long time to cover a certain distance is known as _____ Motion.
- E. One full moon to the next full moon was called a _____.
- F. _____ was the first person to study the motion of a pendulum.

2. True or false

- A. Motion is the change of position.
- B. Motion can be slow or fast.
- C. Rest and motion are relative.
- D. A duration in which things occur is known as time.

3. Match the following:-

Column A	Column B
I. Distance	A. m/s
II. Unit of time	B. Pendulum
III. Unit of speed	C. Motion
IV. Oscillatory motion	D. Second
V. Movement	E. Meter, Kilometer

4. Answer the following questions

- A. What do you understand by motion?
- B. What is the difference between distance and displacement? Explain.
- C. Give few examples of motion.
- D. What is the difference between slow motion and fast motion? Explain it with example.
- E. How does speed is related with distance and object? Explain.
- F. What is the difference between speedometer and odometer?