

Chapter 04

Motion and Time

GLOSSARY:

- **Average Speed** – Total distance travelled by an object in a particular interval of time.
- **Axis of Rotation** – A straight line through all the fixed points of a rotating rigid body around which all other points of the body move in circles.
- **Motion** – A phenomenon of moving or changing position.
- **Oscillatory Motion** - Moving ‘to’ and ‘fro’ or back and forth.
- **Rest** – No movement or change in the position of an object.
- **Rotatory Motion** – A body moves about a fixed axis without changing the radius of its motion.
- **Speed** – Rate at which the object covers the distance.
- **Translatory motion** – The motion in which all the points of a body move in the same direction.