

Final Term

Grade - 4 Section- A & D

Chapter- 15 Lesson – 1 (What is motion?)

Definition:

i. Speed – Speed is the distance travelled by an object in unit time. The unit of speed is meter per second (m/s) or kilometer per hour (km/h)

$$\text{Speed} = \text{Distance} / \text{time}$$

ii. Velocity – Velocity describes the speed and direction of a moving object.

iii. Acceleration- Any change in the speed or direction of an objects motion is called acceleration.

Q/A

1. What is motion?

Ans. A change in position of anything is called motion.

2. What are the different types of motion?

Ans. i. Straight line motion.

ii. Circular motion.

iii. Back and forth motion.

3. What is frame of reference?

Ans. Objects that don't seem to move define our frame of ~~motion~~ reference.

4. What is relative motion?

Ans. The change in one objects position compared with another objects position is called relative motion.