



SARALA BIRLA PUBLIC SCHOOL

Birla Knowledge City, Mahilong, Ranchi

CLASS-VI (2020-21)

Sub: PHYSICS

ASSIGNMENTS-2



Chapter- Motion and measurement

Types of motion-

1) Rectilinear motion-when a body moves in a straight path it is called rectilinear motion.

Eg. A ball dropped from height, movement of striker in carrom

2) Curvilinear motion-when the body moves in a curve path.

Eg. When we fling a ball

3) Linear motion-curvilinear and rectilinear motion forms the linear motion.

4) Rotational motion- In this motion the position of the entire body doesn't change, only it's body parts keep changing.It moves around an axis passing through itself.

Eg. Fan, merry-go-round

5) Circular motion-when the body moves around a circular path. In this the position of the body itself keeps changing with time.

Eg. Earth moves around sun

6) Oscillatory motion-when the body moves in to- fro motion that is in forward Backward direction.

Eg. Swing, pendulum

7) periodic motion-Any motion which is repeated after fixed intervals of time.

Eg. Revolution of earth around sun is periodic.

Answer these-

Q1 Define linear motion.

Q2. Give two examples of rotational motion.

Q3. What do you mean by periodic motion? Give two examples.

Q4. Give two examples of non-periodic motion.

Q5. Differentiate between circular and rotational motion?