

# ASSIGNMENT

CLASS : 5

SUBJECT : SCIENCE

CHAPTER : 10 - LIGHT AND SHADOW

Answer the following questions :-

**Q4) What is shadow ?**

Ans) The dark patch formed behind when the path of light is blocked by an opaque object .

**Q5) Write the condition for formation of shadows .**

Ans) The conditions for the formation of shadows are :-

A source of light .

An opaque object .

A surface such as wall or screen on which the shadow would form .

**Q6) Write the characteristics of a shadow .**

Ans) The characteristics of a shadow are :-

A shadow is formed only in presence of light .

The colour of shadow is always black or grey .

It does not show the detail of an object . It only show the outline.

**Q7) What do you mean by rotation and revolution of Earth .**

Ans) Rotation : The spinning of the Earth like a top on its axis is called rotation . It causes day and night .

Revolution - The movement of Earth on its fixed path called orbit is called revolution . It causes change in seasons .