

## Ch-14

## The sun and the planets

## Ques./Answer

Q1 Define the terms:

Ans (a) Constellation → The patterns formed by groups of stars is called constellation.

(b) Planet → The spherical heavenly bodies that revolve around the sun are called planets.

Q-2 Differentiate between:

a) axis and equator

Axis  
↔

The Earth's

imaginary line

passing through

its centre is

called axis.

Equator  
↔

The imaginary line

that lies at an

equal distance from

both the poles

called the equator.

b) rotation and revolution

Rotation

The movement

of the earth

Revolution

The movement of

earth around the

around its own sun in its own axis from west to east is called rotation. orbit is called revolution.

Q-3 Explain the layers of the Earth with the help of a well-labelled

Ans diagram.



## Layers of the earth :-

Crust → The outer most and thinnest layer of earth which is composed of land and water.

Mantle → The layer that is beneath the crust. It is the thickest layer made of thick solid rocky substance.

Outer core → The layer that is between the mantle and made of super-heated molten lava.

Inner core → The innermost layer of the earth.

the hottest layer of earth which is like a solid ball of metals .