

Answer the following questions.

1. How many different types of motions does the Earth have?

Ans → The Earth has two types of motions -

Rotation & Revolution. Rotation is -

— movement of the Earth <sup>^</sup> around the sun

along a fixed orbit is called

revolution.

2. What is meant by 'rotation' of

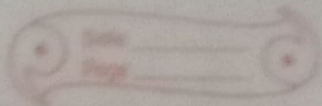
The Earth's? What is the effect of rotation?

When the Earth spins about its axis is called rotation of the Earth. This rotation of the Earth causes day and night.

3. Why is one day and one night one rotation on the Earth of 24 hours?

Ans → The Earth complete one rotation around its axis in





24 hours. That is why one day and ~~one~~  
one night on the Earth is of 24  
hours.

(c)

Answer the following questions.

1. In the month of June it is summer in  
the Northern Hemisphere and winter  
in the Southern Hemisphere. Why?

Ans → In the month of June it is summer  
in the Northern Hemisphere and winter  
in the Southern Hemisphere because  
the North pole is tilted towards  
the Sun, the South Pole  
is tilted away from the sun.

(5) Why do the seasons repeat year after year?

Ans → The seasons repeat year as the revolutionary behaviour of the Earth continues as well as that earth is permanently tilted on its axis, the earth goes through the same behaviour each year.