

Answer the following questions

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

Ans. The Earth has two types of motions ~~does the Earth have?~~

1. Rotations & Revolution.

Rotation - movement of the Earth around its axis is called rotation.

Revolution - movement of the Earth around the Sun along a fixed orbit is called revolution.

2. What is meant by rotation of the earth?

What is the effect of rotation?

Ans- The spinning motion of the Earth is called rotation. The rotation of the Earth around its axis causes day and night.

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

Ans- The Earth completes one rotation around its axis in 24 hours. That is why one day and one night are of 24 hours.

4. 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 after year.

as the revolutionary behavior  
of the Earth continues as well as  
the fact that earth is permanently  
tilted on its axis; the earth goes  
through the same behaviour each  
year.