

C Answer the following questions .

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

Ans- The Earth two types of motions - Rotation & 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 effect of the Earth rotation?

Ans- When the Earth spins about its axis, ^{it} is called rotation of the Earth. This rotation of the Earth 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 on the Earth is of 24 hours.

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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 behaviour 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.