

VIDYABHAWAN BALIKA VIDYAPITH

Shakti utthan Ashram , LAKHISARAI : 811311

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sub Techer : Naina paswan

Based on N.C.E.R.T pattern

CHAPTER : 2 : PARALLELS AND MERIDIANS

C Answer these questions.

1. What is a parallel? Write three features of parallels.
2. How do we number parallels on a globe?
3. What is a meridian? Write three features of meridians.
4. How can we locate a place on a globe?

Answer :

Ans:1. A set of circles is drawn on the surface of the globe. These circles run from east to west. They are called parallels.

- All parallels are complete circles .
- All parallels are located at an equal distance from each other .
- Parallels neither touch nor cross one another .

Ans:2.We number the parallels on the globe by starting from equator , which is at 0' . The lines of the latitude to the north of equator is given 1' to N to 90' N , and similar to the south equator .

Ans:3 .Imaginary lines running from north to south are called meridians or lines of longitude.

- All meridians are of the same length.
- The maximum distance between any two meridians is at the Equator.
- Meridians cut the parallels at right angles .
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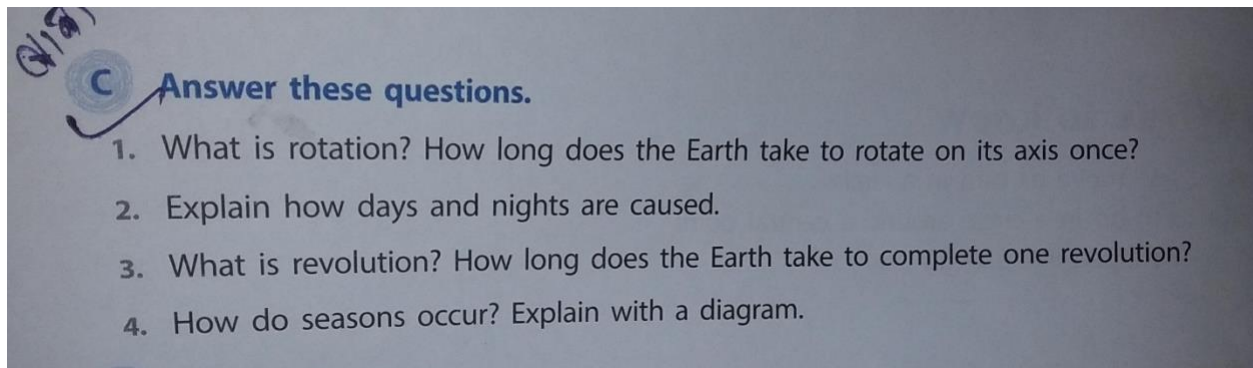
Ans : 4 .The parallels and meridians form a network of lines on the globe . This is called a grid. We use it to locate places on the globe.

D. Think and answer .

The length of a parallel increases as we move away from the poles towards the Equator. Why?

Answer : Because the earth is a sphere shaped like a ball . As we move from the poles towards the equator the earth becomes bigger

CHAPTER : 3 : MOVEMENTS OF THE EARTH



Answer these questions.

1. What is rotation? How long does the Earth take to rotate on its axis once?
2. Explain how days and nights are caused.
3. What is revolution? How long does the Earth take to complete one revolution?
4. How do seasons occur? Explain with a diagram.

Answers :

Ans 1. The movement of the Earth on its axis is called rotation.

The Earth takes about 24 hours or one day to complete one rotation. It rotates from west to east.

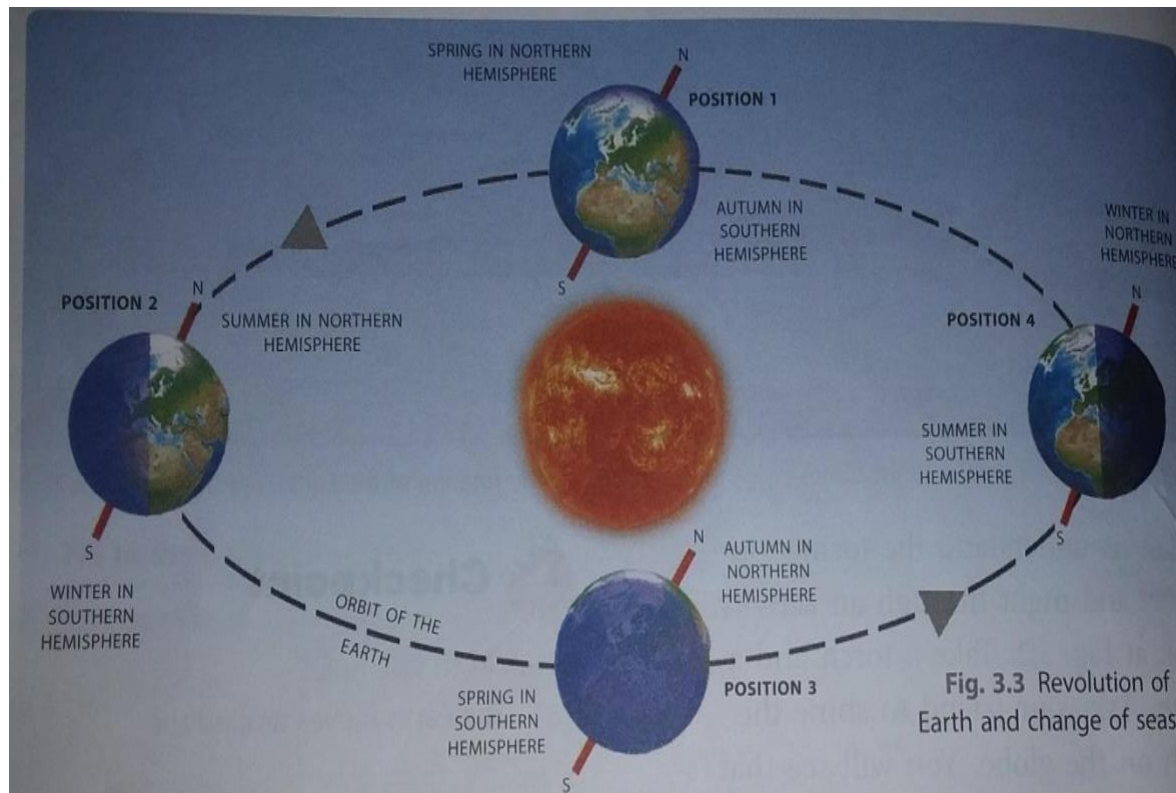
Ans: 2. The rotation of the Earth causes days and nights. Only half of the Earth receives light from the sun at a particular

time. This half has 'day' . The other half , which is turned away from the sun is in darkness and has 'night' .

Ans:3 . While rotating on its axis the Earth also revolves around the sun . This movement is called revolution.

Earth about 365 days or one year to complete one revolution.

Ans: 4. The revolution of the Earth cause four seasons - summer , autumn , winter and spring.



D. Think and answer .

In which season do the people of Australia celebrate Christmas? Why ?

Ans: Because Australia is in the southern hemisphere and when there is a winter in the Northern hemisphere , there will be summer in the southern hemisphere . so when we celebrate Christmas in the Northern hemisphere in winter , the people living in in Australia (Southern hemisphere) they will be celebrating it in summer .