

CLASS : 5

SUBJECT : SOCIAL SCIENCE

Chapter : 2 Rotation and Revolution

Ques.1 Answer the following questions:

a) What are the two movements of the Earth's? Explain.

Ans-a There are two movements of the Earth:-

(i) Rotation

(ii) Revolution

Rotation refers to the spinning of the Earth on its own axis and Revolution refers to the movement of the Earth around the Sun.

b) How are seasons caused?

Ans-b Seasons are caused due to the tilt of the axis of the Earth and revolution around the Sun.

c) How are day and night caused?

Ans-c The side facing the Sun is bathed in light and heat. We call this day time. The side facing away is cooler and darker, and experiences night.

d) Define equinox and solstice.

Ans-d 'Equi' means equal and 'nox' means night, so equinox means equal day and night. 'Sol' means Sun and solstice means the standing still of the Sun.



e) Explain the position of the Earth during Summer Solstice.

Ans: The tropic of Cancer and the northern hemisphere is tilted towards the Sun it experiences Summer Solstice.

ques-2 Word - Meaning

- |                   |   |                |
|-------------------|---|----------------|
| a) alternately    | - | वर्तमान रूप से |
| b) observe        | - | निरीक्षण       |
| c) experience     | - | अनुभव, अनुभूति |
| d) verbal         | - | वसंती          |
| e) tilt           | - | झुकाव          |
| f) atmosphere     | - | वातावरण        |
| g) simultaneously | - | एक साथ         |
| h) consequence    | - | परिणाम         |
| i) towards        | - | की ओर          |

ques-3 Answer in one word.

- The spinning of the Earth on its axis. **Rotation**
- The moving of the Earth on a fixed path around the Sun. **Orbit**
- An imaginary line through the centre of an object around which the object **Earth**
- The two time in a year when the Sun is furthest north or south of the equator. **Equinox**
- A path followed by a celestial body around another body. **Planetary motion.**