

Class IV

Social Studies

Dear students learn chapter 1 What is History? for test on 26th May 2020.

Kindly check the following exercises and do the question answers of Chapter: Motions of the Earth.

Chapter: Motions of the Earth

Check the answers and do the corrections if required.

A. Fill in the blanks.

1. The Earth rotates from West to East.
2. The year which has 366 days is called a leap year.
3. The Earth takes 365 days and 6 hours to complete one revolution.
4. When the South Pole leans towards the Sun, the Southern Hemisphere receives the direct rays and has the hot summer season.
5. Places closer to the Equator are much hotter than the places closer to the poles.

B. Write (T) for true and (F) for false.

1. The Earth rotates on its orbit.
2. A leap year has 366 days.
3. The Earth rotates from East to West.
4. There are three main seasons.
5. Asix is an imaginary line.

False

True

True

false

false

C. Match the following:

- | | |
|---------------|--------------------------|
| 1. rotation | a. Northern Hemisphere 4 |
| 2. revolution | b. 24 hours 1 |
| 3. leap year | c. Southern Hemisphere 5 |
| 4. North Pole | d. change of seasons 2 |
| 5. South Pole | e. 366 days 3 |

Do the following question answers in your notebook.

Q1. What is an axis? At what angle is Earth's axis tilted?

Ans. The axis is an imaginary tilted line which passes through the center of the Earth connecting the North pole and the South Pole. It is tilted at an angle of $23\frac{1}{2}^{\circ}$.

Q2. What is rotation?

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

Q3. What is revolution?

Ans. The movement of the Earth around the sun is called revolution.

Q4. How are days and nights caused?

Ans. Each rotation causes days and nights on the Earth.

Q5. What is an Orbit?

Ans. The Earth revolves around the Sun on a fixed path called orbit.

Q6. What caused the change in the season?

Ans. The Earth's revolution around the Sun and the tilt of Earth's axis are the two causes of the change in the season.

Q7. Why are the polar regions so cold even in summers?

Ans. The polar regions are so cold even in summers because they don't receive direct sunlight.

Q8. What is an Equator?

Ans. Equator is an imaginary line that divides the Earth into two equal halves called Northern and Southern Hemisphere.

Q9. How is the climate of the places near the Equator?

Ans. The climate of the places near the Equator are hotter than the places near the polar regions.