

Class 6

Subject : S.st (Geography)

Chapter 1

The Earth in the Solar System

1. Answer the following questions.

1. How does a planet differ from a star?

Ans. A Planet

1. A planet is a celestial body that revolves around the sun.
2. There are nine planets in our solar system. They do not have their own heat or light.
3. Planets draw their light and energy from sun.
4. They are nine in number including our earth.

A Star

1. A Star is also a celestial body and is a part of galaxy.
2. There are numerous stars in a galaxy. Each star may have a family of planets.
3. A star has its own light and heat.
4. They are quite large (in billions) in number.
5. The sun is an example of a star.

2. What is meant by Solar System?

Ans. The sun and nine planets which revolve around make a family of sun or solar system. There are 44 satellites in Solar System.

3. Name all the planets according to their distance from the sun.

Ans. The planets according to their distance from the sun are: Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune, Pluto.

4. Why is the earth called a unique planet?

Ans. The Earth is a small member of the solar system. It is the fifth in size of nine major planets and third in distance. But it has unique position in solar system.

5. Why do we see only one side of the moon always?

Ans. The moon revolves round the earth in about 27 days and 8 hours. It takes exactly the same time in completing one rotation about its axis. As such we always see only one side of the moon while the other side always remains away from us.

6. What is the universe?

Ans. The universe is the whole body of stars, planets, satellites and gases. It is endless.

2. Tick the correct answer;

1. The planet known as the "Earth's Twin" is

Ans. Venus

2. Which is the third nearest planet to the sun?

Ans. Earth

3. All the planets move around the sun in a

Ans. Elliptical path

4. The pole star indicates the direction to the

Ans. North.

5. Asteroids are found between the orbits of

Ans. Mars and Jupiter

3. Fill in the blanks.

1. A group of stars forming various patterns is called a constellation.

2. A huge system of stars is called galaxy.

3. Mercury is the closest celestial body to our earth.

4. Earth is the third nearest planet to the sun.

5. Planets do not have their own heat and light.