

Dr. M.K.K. Arya Model School
Assignment-Class-VI (Geography)
Ch-1 'The Earth in the Solar System'

Q-1 Why Venus is considered as 'Earth's Twin'?

Ans. Venus is considered as Earth Twin because its size and shape are very much similar to that of the Earth.

Q-2 Why Earth is called the 'Blue Planet'?

Ans. From the space, the Earth looks blue because of the presence of water on it. So, it is called 'Blue Planet'.

Q-3 What is a Constellation? What is the name of the constellation in Latin and English?

Ans. A group of star forming a particular pattern or design is called constellation Saptrishi is one such constellation. The constellation Saptrishi is called 'Ursa Major' in Latin and 'Big Bear' in English.

Q-4 Which is the biggest member of the Solar System? Discuss it.

Ans. The Sun is the biggest member of the solar system. It is in the centre of the Solar System. It is the source of heat and light. It is million times bigger than our Earth. The earth would grow cold and lifeless without the solar energy.

Q-5 How does the moon appear different each night?

Ans. The Moon revolves round the Earth. It has no light of its own. It only reflects the light of the Sun. The Moon neither decreases nor increases in reality, it only appears changed in its shape because of difference in light falling on it everyday.

Q-6 What is an orbit?

Ans. All the planets of the Solar Family revolve around the Sun in elliptical path. It is known as orbit.

Q-7 Write the major features of the Moon.

Ans. The Moon has been separated from the Earth, hence it is called a satellite of the Earth. Its diameter is only one-fourth of the Earth. It looks very big as it is not very far from the Earth. The Moon has mountains, plateau and depression on its surface. In the reflected light on the Earth these features look like shadows.

Q-8 What is a Galaxy?

Ans. A galaxy is a huge system of stars. The white glowing path of stars across the sky is called the Milky Way galaxy. It has millions of stars close to one another. We in India call it Akash Ganga.

Q-9 How did people in the past used to determine directions?

Ans. In the past people used to determine directions by watching the stars. The North Star or the Pole Star Indicates the North because it shines directly above the North Pole. It remains in the same direction in the sky, throughout the year.

Q10 Describe asteroids and meteoroids.

Ans. Asteroids-The heavenly bodies found between the orbits of Mars and Jupiter are called asteroids. They also revolve around the Sun. They are parts of a planet which was exploded many years back.

Meteoroids-Small pieces of rocks which revolve round the Sun are called meteoroids. When they enter the Earth's atmosphere, they begin to burn. These burning rocks are called meteors. They cause a flash of light.

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