



## CLASS NOTES-ANSWERS

1) Answer the following questions briefly.

a) How does a planet differ from a star?

Planet	Star
Some celestial bodies do not have their own heat and light. They are lit by the heat and light of the stars. These bodies are called planets.	Some celestial bodies are very big and hot. They are made up of gases, and they have their own heat and light. These celestial bodies are called stars.
Example – Earth, Venus etc.	Example – Sun

b) What is meant by the 'Solar System'?

**Answer:** The Sun, the eight planets, satellites and some other celestial bodies known as meteoroids and asteroids form the solar system.

c) Name all the planets according to their distance from the sun.

**Answer:** Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, and Neptune.

d) Why is the Earth called a unique planet?

**Answer:** The Earth is regarded as a unique planet because of the following reasons:

- i) It is the only planet known to support life. It has oxygen and water present in proportions that allow life to thrive.
- ii) It also has a temperature range that supports life.



iii) The proportion of water present is about two-thirds of the surface of the earth when compared to land.

e) Why do we see only one side of the moon always?

**Answer:** One revolution of the moon around the earth takes about 27 days. Incidentally, the moon's rotation about its own axis also takes nearly the same time. One day of the moon is equal to 27 Earth days. So only one side of the moon can be seen from the earth.

f) What is the universe?

**Answer:** Millions of galaxies together form the universe. A galaxy is a huge system of billions of stars and clouds of dust and gases.

2) Tick the correct answer.

a) The planet known as the "Earth Twin" is \_\_\_\_\_.

a) Jupiter

b) Saturn

c) Venus

b) Which is the third nearest planet to the Sun?

a) Venus

b) Earth

c) Mercury

c) All the planets move around the sun in a \_\_\_\_\_.

a) Circular path

c) Elongated path

b) Rectangular path

d) The Pole star indicates the direction to the \_\_\_\_\_.

a) South

b) North

c) East

e) Asteroids are found between the orbits of \_\_\_\_\_.

a) Saturn and Jupiter

c) The Earth and Mars

b) Mars and Jupiter



### 3) Fill in the blanks.

- a) A group of **Stars** forming various patterns is called a **Constellation**.
- b) A huge system of stars is called a **galaxy**.
- c) **Moon** is the closest celestial body to Earth.
- d) **Earth** is the third nearest planet to the Sun.
- e) Planets do not have their own **heat** and **light**.

