



The Universe

E.V.S

Exercises

A. Multiple Choice Questions (MCQs).

Choose the correct answer from the following:

1. The planet closest to the sun is

- a. Mars b. Earth c. Mercury**

2. The number of moons of Jupiter is

- a. 34 b. 67 c. 87**

3. The planet that does not have any moon

- a. Mercury b. Mars c. Neptune**

4. A planet is a heavenly body that revolves around the

a. Earth

b. Sun

c. Moon

5. One of these is a satellite.

a. Earth

b. Moon

c. Sun

B. Fill in the blanks.

- 1. Moon reflects the light of the _____ .**
- 2. The seasons are caused by the _____ of the earth.**
- 3. _____ are caused due to the rotation of the earth.**
- 4. When the volcanoes erupt, _____ flows out and hardens to form rocks.**
- 5. _____ is the largest planet.**

C. State whether the given statements are True or False.

1. The Neptune is a star.

2. Jupiter has the largest number of satellites.

3. Earth is the smallest planet of the solar system.

4. The core of the earth is made of molten metals.

5. Moon has light of its own.

D. Match the following columns.

Column-I

- 1. Moon**
- 2. Pluto**
- 3. Jupiter**
- 4. Mercury**
- 5. Saturn**

Column-II

- (a) largest planet**
- (b) seven rings**
- (c) closest planet**
- (d) dwarf planet**
- (e) natural satellite**

E. Name the following:

1. The morning star. _____
2. The planet farthest from the earth. _____
3. The red planet. _____
4. The planet with largest number of satellites. _____
5. The planet which has no moon. _____

F. Define the following:

1. Equator

2. Mantle

3. Volcano

4. Lava

5. Magma

G. Answer the following questions.

- 1. What do you mean by the rotation of the earth?**
- 2. What do you mean by the revolution of the earth?**
- 3. What is the difference between a star and a planet?**
- 4. Name the imaginary lines passing through the earth.**
- 5. Discuss the solar system in brief.**

Life Skill

A. Neighbourhood

We should be friendly with our neighbours. Tick (✓) the activities you follow:

a. We should be friendly with the neighbours.

☐

b. Help your neighbours whenever they need you.

☐

c. Never quarrel with them.

☐

d. Share your things with your neighbours.

☐

B. Assignment

Watch your volcano erupt

Materials required: Liquid detergent, red and orange colour, vinegar, baking soda, a bottle, clay, a cup and a cardboard box.

Place the bottle on the cardboard. Cover the bottle with mud and give the shape of a mountain. Keep the mouth of the bottle open. Colour the mountain with green and brown colours. Fill the bottle half with liquid detergent and baking soda. Add colour to it. Now add vinegar to it. Watch the volcano erupt.

C. See the shape of the moon for 30 days and keep the record. Draw a chart as given below.

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday

Each night draw the shape of the moon. Write down what you see, even if it is cloudy and you cannot see the moon.