

## **Exercises:**

### **1. Fill in the blanks with appropriate words:**

- a) The \_\_\_\_\_ is an object in the solar system that moves around the Earth.
- b) The moon is a large sphere made of \_\_\_\_\_ materials.
- c) The \_\_\_\_\_ is made up of everything that exists, including galaxies, stars, planets, space, all matter and energy.
- d) The phases of the moon repeat in every \_\_\_\_\_.
- e) There are \_\_\_\_\_ stars in the sky.
- f) Other stars look much smaller than the sun because they are \_\_\_\_\_ away.
- g) A pattern of stars with shapes like an animal, person, or object is called a \_\_\_\_\_.
- h) The solar system is part of a large group called a \_\_\_\_\_.
- i) Milky way galaxy is \_\_\_\_\_.
- j) No one knows for sure how big the \_\_\_\_\_ is.
- k) Scientists believe that the universe is \_\_\_\_\_ with the time.

### **2. Write True/False. If false, write the correct answer.**

- a) The Earth is bigger than the moon.
- b) The moon reflects sunlight.
- c) There are nine planets in the solar system.
- d) Mercury is the brightest planet that we can observe.
- e) Venus is also known as the morning star.
- f) The Earth is bigger than the star.
- g) A star is huge ball of rock materials.
- h) The sun and the planets are the part of the solar system.
- i) There are billions of galaxies in the universe.
- j) Orion is a kind of a star

**3. Write the correct answers:**

- a) What is the name of the planet in which we live?
- |           |             |
|-----------|-------------|
| I. Saturn | III. Mars   |
| II. Earth | IV. Jupitar |
- b) Which of the following is the planet?
- |             |                   |
|-------------|-------------------|
| I. Sun      | III. Moon         |
| II. Mercury | IV. Constellation |
- c) Which one has the light of its own?
- |              |           |
|--------------|-----------|
| I. Satellite | III. Moon |
| II. Planet   | IV. Star  |
- d) How many planets are there in the solar system?
- |          |            |
|----------|------------|
| I. Seven | III. Eight |
| II. Nine | IV. Ten    |
- e) Which planet does move around between the sun and the Earth?
- |             |            |
|-------------|------------|
| I. Mars     | III. Venus |
| II. Jupiter | IV. Saturn |
- f) Identify the fourth planet of the solar system.
- |            |           |
|------------|-----------|
| I. Mercury | III. Mars |
| II. Venus  | IV. Earth |
- g) Which of the following is constellation?
- |             |           |
|-------------|-----------|
| I. Sun      | III. Moon |
| II. Mercury | IV. Orion |
- h) How many galaxies are there in the universe?
- |              |               |
|--------------|---------------|
| I. Thousand  | III. Billions |
| II. Millions | IV. Trillions |
- i) Which one is a star?
- |         |             |
|---------|-------------|
| I. Mars | III. Orion  |
| II. Sun | IV. Saturn. |

**4. Write the answer of the following questions in short:**

- a) What do you understand by universe?
- b) What is the moon?
- c) Write two characteristics of moon.
- d) What is solar system?
- e) What do you understand by planet?
- f) Which planet is the brightest planet in the solar system that we can observe?
- g) Write the name of the planets in solar system.
- h) What is star?
- i) What is galaxy?
- j) Define constellation.
- k) Write two differences between stars and planets.
- l) What do you understand by Milky Way Galaxy?

**5. Write the answer of the following broad questions:**

- a) Explain the phases of the moon.
- b) Why Venus is known as evening star or morning star? Explain.

**6. Draw and label the phases of the moon.**

**7. Match the words on the left with the words on the right:**

a) The Earth	i. Galaxy
b) The Sun	ii. Constellation
c) Milky Way	iii. Star
d) The Moon	iv. Planet
e) Orion	v. Satellite