

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. Jupiter |
- 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