

Exercises

A. Tick (✓) the correct option:

1. Huge glowing balls of fire are called stars.

Ans- (b) stars

2. The moon rotates around the earth.

Ans- (a) earth

3. A group of stars forms a constellation.

Ans- (b) constellation

4. We can see full moon on purnima.

Ans- (b) purnima

5. The moon gets its light from the sun.

Ans- (b) sun

B. Short Answer Type Questions:

1. What does the universe consist of?

Ans. The universe consists of stars, planets, moon, dust, gases and rocks.

2. What do we get from sun?

Ans. We get light, heat and energy from the sun.

3. Planets do not have their own heat and light. Then how do they shine with a steady light when seen from earth?

Ans. Planets shine with a steady light when seen from the earth because they get their heat and light from the star they move around.

4. When is the moon called new moon?

Ans. When no light falls on the moon and we cannot see the moon at all, it is called new moon.

5. Why can we not see the stars during the day?

Ans. We cannot see the stars during the day because light from sun is too bright.

C. Long Answer Type Questions:

1. Why is there no life on the moon?

Ans. There is no life on the moon because it has no air or water in it.

2. Draw a labelled diagram of the phases of moon.

Ans. Page no. 128

3. What are stars? Why do they appear small?

Ans. A star is a huge ball of hot, burning gases. They appear small because they are far away from earth.

4. What are constellations? Draw any one.

Ans. The group of stars that appear to make patterns in the night sky are called constellations. (Draw diagram from page no. 129)

5. Describe the solar system.

Ans. The solar system consists of the Sun, eight planets and their satellites, asteroids and other heavenly bodies.

D. Fill in the blanks.

1. The moon rotates around the earth.
2. A group of stars is called constellation.
3. Moon is the natural satellite of earth.
4. When we cannot see the moon in the sky, it is called Amavasya.
5. The sun is a star.

E. State True or False:

1. Stars go away from the sky during the day. False
2. Moon gets its light from earth. False
3. We can live on moon. False
4. Earth is the first planet from the sun. False
5. Sun gives us heat and light. True

F. Match the columns:

- | | | |
|----------|---|-----------------------|
| 1. Sun | - | star |
| 2. Moon | - | satellites |
| 3. Earth | - | third planet from sun |
| 4. Leo | - | constellation |

5. Pluto - dwarf planet

G. Give two examples each of:

1. Heavenly bodies- Stars Planets
2. Planets- Earth Mars
3. Stars - Sun Pole star
4. Constellations - Leo Orion
5. Satellites - Moon Sputnik 1

H. Puzzles and Quiz:

1. Find the names of the eight planets in the given maze.

1. Mars
2. Venus
3. Mercury
4. Neptune
5. Earth
6. Uranus
7. Jupiter
8. Saturn

2. What am I?

- a. I am the vast expanse of space Universe
- b. I am a heavenly body moving around the sun Planets
- c. I am the sun, planets, satellites, asteroids, other heavenly bodies together Solar System
- d. I am the hottest ball of fire with hot gases giving out light and heat Sun
- e. I am a group of stars giving a shape of an animal or thing Constellations