

Chapter-1

Worksheet-1

Choose the correct option:

1. Which of the following are examples of celestial bodies?

- a. Sun
- b. Moon
- c. Stars
- d. All of the above

2. The following is (are) true about Sun.

- a. It is made up of gases
- b. It has its own heat and light
- c. Sun is a star
- d. All of the above

3. The different group of stars is known as

- a. Constellations
- b. Celestial bodies
- c. Asteroids
- d. Comet

4. The following constellation consists of seven main stars.

- a. Ursa major
- b. Ursa minor
- c. Hercules
- d. Lyra

5. The 'Pole star' is

- a. North star
- b. South star
- c. East star
- d. West star

6. The sun is ____ million km away from the earth.

- a. 100
- b. 150
- c. 200
- d. 250

7. The correct ascending order of distance of planets from sun is

- a. Mars, Earth, Jupiter, Saturn
- b. Earth, Mars, Jupiter, Saturn
- c. Earth, Mars, Saturn, Jupiter
- d. Earth, Jupiter, Mars, Saturn

8. The following planet is considered as 'Earth's-twin'

- a. Mars
- b. Mercury
- c. Venus
- d. Saturn

9. The following planet is nearest to the Sun.

- a. Mars
- b. Mercury
- c. Venus
- d. Saturn

10. The moon takes _____ days to complete one spin.

- a. 25
- b. 26
- c. 27
- d. 28

Answer the following Questions.

11. What are Poornima and Amavasya?

12. What is meant by the 'Solar System'?

13. How does a planet differ from a star?

14. Why is the Earth called a unique planet?

15. What is the Universe?

16. Mention the names of the dwarf planets.

17. Which are celestial bodies that do have the light of their own but reflect the light from the sun?

18. Mention the ways used by the people of ancient times to determine direction.

19. What are the constellations, pole star and planets? Explain.

20. Who are astronomers? Who is Aryabhata?