

INTERNATIONAL INDIAN SCHOOL JEDDAH

CLASS VIII SCIENCE WORKSHEET

LESSON -17 STARS AND THE SOLAR SYSTEM

I. Answer the following.

1. Why does the moon change its shape every day?
2. Can we hear sound on the moon? why?
3. Define one light year?
4. How do the stars emit light?
5. Why do the stars appear to move from east to west?
6. The pole star does not appear to change its position in the sky. Why?
7. Distinguish between stars and planets.
8. What are comets? Why do the comets have a long bright tail?
9. What is the difference between a meteor and a meteorite?
10. How do natural satellites differ from artificial satellites?
11. Write any three applications of artificial satellites.

II. Name the following

1. The first person landed on moon in 1969
2. The star which is situated in the direction of the earth's axis
3. The brightest star in the sky
4. The planet which is called as morning or evening star
5. The planet which rotates from east to west
6. The planet called as red planet
7. The largest planet in the solar system
8. The planet which is least dense among all the planets.
9. Name the first artificial satellite sent by India.
10. The comet appears after every 76 years.

III. Define the following.

1. Celestial bodies.

2. Constellation.

3. Solar system.

4. Asteroids.

5. Satellite.

6. Phases of the moon.

IV. Write a short note on

1. Ursa major 2. Orion 3. Cassiopeia