

**SCIENCE. STD-III**  
**L- II**  
**HEAVENLY BODIES**

**A. FILL IN THE BLANKS.**

1. Aryabhatta discovered that the \_\_\_\_\_ is round.

Ans. Earth

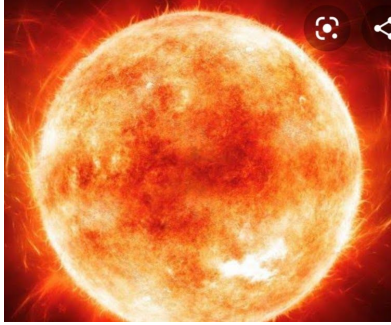


2. When we can see more than half the moon it is called \_\_\_\_\_ moon.

Ans. Gibbous

3. The sun is a \_\_\_\_\_ .

Ans. Star



**4. The surface temperature of the Sun is \_\_\_\_\_.**

**Ans. 5500°C**

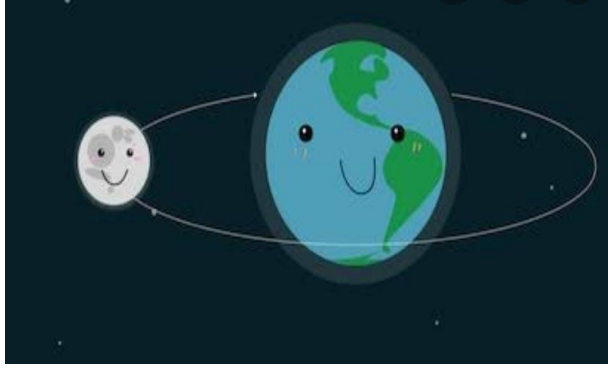
**4. The light of the sun thrown back by the moon is called \_\_\_\_\_.**

**Ans. Moonlight**

**B.GUESS WHO AM I?**



**1. I am a woman of Indian origin who spent 190 days in space - Sunita Williams**



**2. I revolve around a plant - Satellite**



**3. I am used for seeing the moon , stars and plants -  
Telescope**



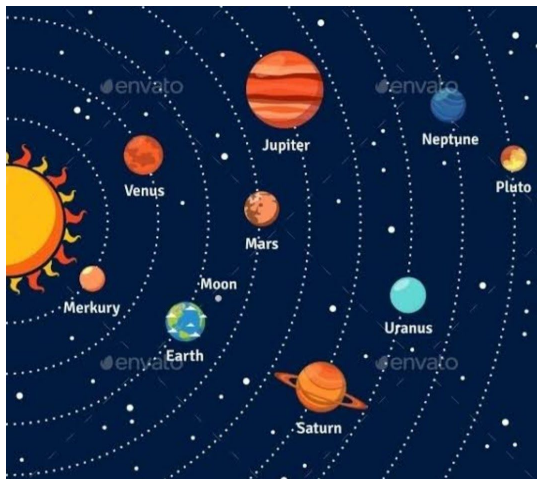
**4. I was the first person to land on the moon - Neil  
Armstrong**



**5. I am needed to launch a space craft-Rocket**

**C. ANSWER THESE QUESTIONS.**

**Q.1 What is solar system ? Name the planets of the solar system.**



**Ans. The Sun and all the eight planets together with their satellites form the solar system.**

**Mercury , Venus ,Earth , Mars , Jupiter , Saturn , Uranus and Neptune are the eight planets of our solar system.**

**Q.2 What is a constellation ? Name any two constellations . How are constellations named ?**



**Ans. Group of stars that form some recognizable pattern in the sky is known as a constellation .eg. Orion and The great bear.**

**Constellations have been named after animals or mythical people.**

**Q.3The sun is a star .Why does it appear bigger than other stars?**

**Ans. The sun appears bigger than other stars because it is the closest star to the Earth .**

**Q.4 Why is the moon called the natural satellite of the earth ?**

**Ans.The moon is the natural satellite of the earth because it revolves around the earth just as the Earth revolves around the Sun..**

**Q.5 Differentiate between new moon and full moon .**



**Ans. New Moon - When the side of the moon that faces the earth does not get any sunlight and remains completely dark ,this is the New Moon**



**Full Moon - When the side of the Moon that faces the Earth gets sunlight and remains fully visible and appears as a complete circle,.this is the Full moon**

**Q.6 Who are Astronomers? Name the person who built the Jantar Mantar.**

**Ans. People who study about the heavenly bodies like moon , stars and other planets are called Astronomers .**

**The king of Amber , Sawai Raja Jai singh built the Jantar Mantar in Delhi and Jaipur.**

**Q.7 Why do Astronauts wear spacesuits ?**

**Ans. Astronauts wear spacesuits which provide them air to breathe and protect them from harmful rays of the sun.**

**DRAW / PASTE THE PICTURE OF THE SOLAR SYSTEM AND THE PLANETS.**

**PASTE THE PICTURES SHOWING TWO TYPE OF CONSTELLATIONS.NAME THEM**