

## General Science (English Medium) - 5th Science English Medium Chapter 9 Preparation

Q1. Why does a geo-stationary satellite appear to be stationary?

**Ans 1:** The satellites revolving in the orbits around the Earth with the same speed as that of the Earth are known as geo-stationary satellites.

Q2. What is established GPS

**Ans 1:** It is established by twenty four satellites at a height of 400 km orbiting the earth in six sets of orbits.

Q3. Moon is the natural satellite of the Earth. Is the earth also a satellite of some bigger object? What is that object?

**Ans 1:** The Moon is the only natural satellite of the Earth. Like wise some other planets have their moons.  
The Moon is the only natural satellite of the Earth. Likewise some other planets have their moons.

Q4. Why can telescope installed on a satellite take clearer photographs than from the Earth Surface?

**Ans 1:**

Space telescopes have the advantage of being above the blurring effects of the Earth's atmosphere. In addition, there are many wavelengths

Q5. Write the role of NASA

**Ans 1:** National Aeronautics and space administration is an American Agency It is responsible for space exploration and aviation.

Q6. What is Skylab

**Ans 1:** The instruments and devices installed on them send us valuable information regarding their environment. while in space, need was felt to perform experiments in gravity free environment for the purpose, NASA Launched a space station called skylab on May 14, 1973

Q7. Why do the astronauts wear space dress? What are its benefits?

**Ans 1:**

The suits protect astronauts from getting too hot or cold. Spacesuits also give astronauts oxygen to breathe while they are working in space. The suits hold water to drink. They also keep astronauts from getting hurt by space dust

---

Q8. Define GPS

**Ans 1:** Global positioning system is a process to know the location at a place. commonly it is known as GPS.

---

Q9. Write five benefits which we get from artificial satellites.

**Ans 1:** 1- Radio, Television Transmission and information by internet reach in each part of the world

**Ans 2:** 2- We can make contact at far off places by telephone.

**Ans 3:** 3- We can correctly locate our position anywhere in the world

**Ans 4:** 4- We can know about changes in the weather much earlier.

**Ans 5:** 5- This helps us to deal with floods, storms, forest fires and other disasters effectively

---

Q10. Define morning star.

**Ans 1:** The bright object that we see on the horizon just before sunrise or after sunset is the planet Venus. It is also called morning star.

---