

## Earth as Part of the Solar System

### **D. Short-answer questions:**

1. State two main uses of artificial satellites.
2. Why does the Earth appear blue when observed from space?
3. How were asteroids formed?
4. Why do some artificial satellites appear stationary?

## Solutions

### **D. Short-answer questions:**

1. Artificial satellites are used to forecast the weather, transfer telephone calls across the oceans, monitor crops, resources and for research. (Any two)
2. The Earth appears blue from space as 71 per cent of the earth is covered with water.
3. Asteroids are small, rocky bodies that were left over after the formation of the planets billion years ago. They orbit the Sun in a belt between Mars and Jupiter.
4. Most satellites revolve around the earth with the same speed as the Earth does. So they appear stationary from the Earth.