

Vidya Bhawan Balika Vidyapith, Lkr.

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## Geography Chapter 1 The Earth in the Solar System

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### **Exercises**

1. Answer the following questions briefly.

(a) What is the true shape of the earth?

Answer: The earth is not a perfect sphere. It is slightly flattened at the North and the South Poles and bulge in the middle.

(b) What is a globe?

Answer: A globe is a miniature model of the Earth.

(c) What is the latitudinal value of the Tropic of Cancer?

Answer: The latitudinal value of the Tropic of Cancer is  $23\frac{1}{2}^{\circ}$  N.

(d) What are the three heat zones of the Earth?

Answer: The three heat zones of the Earth are:

(i) Torrid Zone

(ii) Temperate Zone

(iii) Frigid Zone

(e) What are the parallels of latitude and meridians of longitude?

Answer: Parallels of Latitude: These are all the imaginary parallel circles from the equator to the poles. Meridian of Longitude: These are the imaginary semi-circle lines running from the North Pole to the South Pole.

(f) Why does the torrid zone receive a maximum amount of heat?

Answer: The torrid zone lies between the Tropic of Cancer and Tropic of Capricorn. The sun is exactly over the head once a year, on all the latitudes between these two tropics. The sun rays falling exactly overhead gives out more heat than slanting sun rays. Therefore, the torrid zone receives the maximum amount of heat.