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EARTH IN THE SOLAR SYSTEM

1. Answer the following questions briefly.

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

Ans- The true shape of the Earth is geoid.

(b) What is a globe?

Ans- A globe is a spherical figure which is a miniature form of Earth. It gives us a three-dimensional view of the whole Earth by showing distances, directions, areas, etc.

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

Ans. The latitudinal value of the Tropic of Cancer is 23.5° N.

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

Ans. The three heat zones of the Earth are - torrid zone, temperate zone, frigid zone.

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

Ans. Parallels of latitude are the circles which are parallel from the equator to the poles whereas the lines of reference running from the North Pole to the South Pole are called meridians of longitude.

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

Ans. The torrid zone receives the maximum amount of heat throughout the year because the rays of the Sun fall vertically on this region.

(q) Why is it 5:30 pm in India and 12:00 noon in London?

Ans- It is 5:30 pm in India and 12:00 noon in London because India is east of London. Places $\&$ east of the Greenwich Meridian experience day or sunrise earlier than the places lying west of the Prime Meridian.