

Hw
30/9/21

Date
Page 20

1. a) What is the true shape of the earth?

Ans- The earth is not ~~fully~~ a complete sphere. ~~Its~~ ~~Its poles~~ is flattened at the poles, so, it is referred to as 'spheroid' or 'geoid'.

b) What is a globe?

Ans- A globe is a three-dimensional model of the earth in miniature. It is more accurate than a map as it follows the curvature of the earth. It is available in different ~~shapes~~ and sizes like large, small, inflatable or pocket globes etc.

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

Ans- The latitudinal value of ~~the~~ Tropic of Cancer is $23\frac{1}{2}^{\circ}\text{N}$.

d) What are the three heat zones of the earth?

Ans- Three heat zones of the earth ~~is~~ are -

* The torrid zone.

* The temperate zones

* The frigid zones.

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

Ans- * Parallels of latitude are the imaginary lines that run through the earth horizontally.

* The important parallels of latitude are—

Tropic of Cancer ($23\frac{1}{2}^{\circ}\text{N}$), Tropic of Capricorn ($23\frac{1}{2}^{\circ}\text{S}$), Equator (0°), Arctic Circle ($66\frac{1}{2}^{\circ}\text{N}$), and Antarctic circle ($66\frac{1}{2}^{\circ}\text{S}$)

* The meridians of longitudes are imaginary lines that run vertically across the Earth.

* The main meridians of longitudes are— Prime Meridian (0°) and the 180° long meridian.

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

Ans- As the Earth revolves around the sun, due to the tilted nature of its axis, the sun appears to move between the tropics of Cancer and Capricorn. This region between the tropics is called Torrid zone and ~~has~~ receives maximum heat because the sun's rays fall directly on this region.

g) Why is it 5:30 P.M. in India and 12:00 noon in London?

Ans- As, ~~the~~ India lies to the east of London, the time is always ahead in India.

So, when it is 5:30 pm. in India, it is 2 noon in London