

B. What is Globe

Ans Globe is a 3 dimensional model of the Earth in miniature. It is a true representation of the Earth. It gives us the correct shape and size of continent and countries and shows distances and directions without distortion.

A. What is the true shape of the earth?

Ans. The true shape of the earth is geoid - Earth like shape. In other words it is orange shape.

C. What is the latitudinal value of tropic of cancer

Ans. The latitudinal value of tropic of cancer is  $23\frac{1}{2}^{\circ}$ N

↓ What are 3 heat zones of earth.

Ans. The three heat zones of Earth are torrid zone, temperate zone, Frigid zone.

C. What are the parallel of latitude and meridians of longitude.

Ans Parallel of latitude - Imaginary lines that run horizontally across from the equator to poles are called parallel of latitude.

Meridians of the longitude - The imaginary lines that runs vertically across surface of earth from north pole to south pole.

Q Why does Torrid Zone receives the maximum amount of heat?

Ans Torrid Zone receives the maximum amount of heat because parallels between the two tropics then they get perpendicular sun rays give more heat than slanting sun rays.

Q Why is it 5:30 pm in India when it is 12:00 noon in London.

Ans It is 5:30 pm in India when it is 12:00 noon in London, because

in London is located at  $0^{\circ}$  longitude while the time of  $82^{\circ}12'E$  longitude is taken as standard time in India.

There is a difference of ~~5~~  $82^{\circ}$  half  $82^{\circ}12'$  between the longitude of London and the standard meridian.

India, ( $82\frac{1}{2}^{\circ}\text{E}$ ) -

- Time in India is ahead of London. It is 4 minutes ahead at every Longitude towards East.
- Hence, time in India is ahead of London by 5:30 hours ( $4 \times 82\frac{1}{2} = 3:30$  minutes or 5:30 hours).