

a) What is the true shape of earth?

The earth is geoid in shape. It is flattened at the poles.

b) What is a globe?

A globe is a true representation of the earth. It is a three-dimensional model of earth.

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

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

d) Name the three heat zones of the earth?

The three heat zones of the earth are torrid, temperate and frigid zone.

e) What is parallel of latitude and meridian of longitude.

The parallels of latitude is the other name of lines of latitude. The meridians of longitude is the other name for the lines of latitude.

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

Because of the perpendicular shining of the sun directly at this zone torrid zone receives the maximum amount of heat.

g.) Why is it 5:30 pm in India and 12:00 Noon in London?

The places east to the prime meridian will be ahead of the time than the places in the west. India's standard meridian is $82^{\circ}30'E$. So it is 5 hrs 30 mins ahead of western places. Thus it is 5:30 pm in India and 12:00 noon in London because London is to the west of the prime meridian.