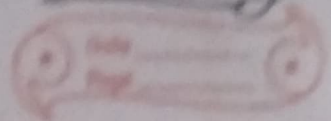


H/W
30/07/21
Q-2 Latitude and Longitude → Locating
Places on the globe



1) What is the true shape of the Earth?

~~Ans~~ ~~The true shape of the Earth is spherical.~~
~~→ oblong shape~~

2) What is a globe?

Ans A globe is a three-dimensional model of the Earth in miniature which is a true representation of the Earth giving us the correct shape ^{and size} of the countries and continents and shows us the distances and directions without distortion.

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

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

4) What are the three heat zones of the Earth?

Ans The three heat zones of the Earth are:-

- i) Torrid zone or Tropical zone
- ii) Temperate zone or Moderate zone
- iii) Frigid zone or polar regions

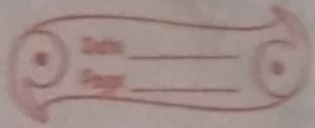
5) What are the parallels of latitudes and meridians of longitudes?

Ans Parallels of Latitudes are the imaginary lines that run across the surface of the Earth horizontally that are parallel to the Equator running from east-west. They are equidistant from each other.

Meridians of longitudes are the imaginary lines that run across the surface of the Earth vertically from North Pole to South Pole.

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

Ans Due to the tilted nature of the Earth's axis, the Sun appears to move between the Tropic of Cancer and Tropic of Capricorn, the mid-day



Sun shines perpendicularly overhead at least once a year. As these parallels receive the direct rays of the Sun, that is why, it is the hottest zone.

Q7 Why is it 5:30 p.m. in India and 12 noon in London?

Ans As the Earth rotates from west to east, the places east of Greenwich are ahead of Greenwich time but the places west of Greenwich are behind of Greenwich time. That is why, it is 5:30 p.m. in India and 12 noon in London.

Q7 What is the true shape of the Earth?

Ans The Earth is not perfect sphere. It is flattened at the poles and therefore, its shape is referred to a spheroid. Thus, the true shape of the Earth is spheroid.