

Hee

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~~Revision~~ Revision

Date _____
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Q. Answer the following questions briefly.

ans.

1. What is the true shape of the Earth? (3)
ans. Spheroid is the true shape of the Earth.

2. What is a globe? (3)
ans. A globe is a 3-dimensional model of the Earth in miniature. It is the true representation of the Earth. A globe is more accurate than a map.

3. What is the latitudinal value of the Tropic of Cancer? (3)
ans. Lines of latitude are imaginary lines that run horizontally across the surface of the Earth. They measure the angular distance in degrees, seconds and minutes of a point north or south from the equator. As the Tropic of Cancer is at angular distance $23\frac{1}{2}^{\circ}$ S from the Equator.

4. What are the three heat zones of the Earth? (3)
ans. Due to the tilted nature of Earth there is an unequal distribution of heat on the surface of the Earth. Each hemisphere is divided into three heat zones.

They are :-

- i) Frigid zone
- ii) Torrid zone
- iii) Temperate zone

5. What are the parallels of latitude and meridians of longitudes?

Ans Lines of latitude or parallels

Lines of latitude are imaginary line that run horizontally across the earth surface. It can ~~be~~ ^{measure} the angular distance in degree, second and minutes of a point north or south from the Equator. Equator is the largest and main latitude on the earth's surface.

Meridians of longitude or longitude

The imaginary line that run vertically across the surface of the earth, from North to south pole are called meridians or lines of longitude. A longitude measure in angular distance in second, degree and minutes from of a point east or west of the prime meridian. Prime meridian is the 0° meridian on longitude.

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

Ans - Due to the tilted nature of the Earth's axis, there is an unequal distribution of heat in the surface of earth. There are three heat zones ~~that~~ that are :-

- i) Torrid zone
- ii) temperate zone
- iii) frigid zone.

Torrid zone got

Torrid zone gets most of the heat because the sun appears to move between the Tropic of Cancer and Tropic of Capricorn. ~~At these~~ parallels between the two tropics get most of the heat and get direct sun rays. It is the hottest zone among all zone.

q. What is it 5:30 pm. in India and 12:00 noon in London?

ans. As the longitude in India which measure time is $82^{\circ}30'E$ is the Indian standard time (IST). And the longitude of London which measure the time of that country is $0^{\circ}12'78''W$. So as we observe that the India lies in Eastern hemisphere and London lies in western hemisphere. There is a difference of time between India and London.

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