

Exercises

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QA. Tick the correct option.

1. _____ divides the earth into two equal halves.

Answer- Equator.

2. The imaginary lines running across the Earth from west to east are called _____.

Answer- Latitudes

3. The sun rays fall vertically in _____ zone.

Answer- Torrid.

QB. Short Answer type Questions..

1. What is the Great circle?

Answer- The Great circle is a plane that passes through the centre of the earth.

OR

Answer- The equator is called the Great circle. It is the largest and most important latitude.

2. What happens to the size of the latitudes as we move from the poles towards the equator?

Answer- The size of the latitudes increases as we move away from the pole towards the equator.

3. Why is the temperature of different places not the same at a given time?

Answer- The difference in temperature of different places is due to the

i) Shape of the earth.

ii) Difference in the angle of sun's rays as they reach the surface of Earth.

4. If it is Saturday in Dubai, what will be the day in Washington?

Answer- Dubai is 9 hours ahead of Washington , so if it is Saturday in Dubai then it will be Friday in Washington.

5. Which longitude has been selected to calculate IST?

Answer- In India 82°30' East longitude has been selected as the Standard Meridian for the whole country to calculate the IST(Indian Standard Time).

QC. Long type answers.

1. What is Prime Meridian? What is its importance?

Answer- The longitude passing through the observatory at Greenwich near London is the prime meridian .The prime meridian divides the earth into two hemispheres and it is also used as a base to calculate the time for different countries on the basis of their longitude locations.

2. What is the importance of grid?

Answer- Grid is a network formed by latitudes and longitudes on the globe,which helps us to locate places.

3. What is a map? How are different colours used on a map?

Answer- A map is a representation or a drawing of the Earth's surface or a part of it on a flat surface according to a scale. On a map different sign, symbols and colours are used to represent different things. For example- light blue is used to show shallow water and dark blue is used to show the base of the water body.

4. What are longitudes? Name the important longitudes.

Answer- The imaginary lines running in the north -south directions on the map and globe are called longitudes. The important longitudes are-

- i) Prime Meridian.
- ii) International Date Line.

QD. Fill in the blanks.

- 1. The Prime meridian passes through Greenwich.
- 2. The equator is the largest latitude.
- 3. The Antarctic circle is at $66\frac{1}{2}$ s.
- 4. There are three heat zones.
- 5. A globe is a miniature model of the earth.
- 6. Longitudes help to calculate time of a particular place.

QE. State true or false.

1. The two endpoints of a globe are called poles. True
2. There are 181 lines of longitude. False
3. In temperate zone ,nights are shorter in winter. False
4. Coldest zone is the frigid zone. True
5. The 180 degree longitude is known as international Date Line. True

QF. Match the Columns.

1. Equator - Great circle
2. Latitude - Parallels
3. Longitudes - Meridian
4. Torrid zone - Hot zone
5. Prime meridian - Greenwich
6. International date line - 180 degree longitude

