

11.6.2020

Chapter - 2



Date _____
Page _____

(A) Answer the following questions:

1. What are sets of horizontal and vertical lines on the globe known as?

Ans:- The sets of horizontal lines are known as lines of latitude and the sets of vertical lines are known as lines of longitude.

2. Why are lines of latitude known as parallels and lines of longitude as meridians?

Ans:- Lines of latitude are known as parallels because all the lines of latitude run parallel to the Equator and to each other.

Lines of longitude are known as meridians because all places along a meridian experience 'Mid-day' or noon at the same time.

3. Name the five important lines of latitude and their values.

Ans:- The five important lines of latitude are -

i) Equator (0°) ii) Tropic of Cancer ($23\frac{1}{2}^\circ\text{N}$)

iii) Tropic of Capricorn ($23\frac{1}{2}^\circ\text{S}$) iv) Arctic Circle ($66\frac{1}{2}^\circ\text{N}$)
v) Antarctic Circle ($66\frac{1}{2}^\circ\text{S}$).



4. What is the 180° E and W longitude also known as and why?

Ans:- The 180° E and W longitude is also known as International Date Line (IDL) because the day and date changes on crossing this line from east to west or vice versa.

5. With reference to the temperate zone, state:

i) its extent - Tropic of Cancer ($23\frac{1}{2}^{\circ}$ N) to Arctic Circle ($66\frac{1}{2}^{\circ}$ N) and Tropic of Capricorn ($23\frac{1}{2}^{\circ}$ S) to Antarctic Circle ($66\frac{1}{2}^{\circ}$ S).

ii) angle of sunrays received - Slanting rays of sun.

iii) temperature - Moderate temperature.

(B) Fill in the blanks -

1. A network of vertical and horizontal lines on a globe or a map is called grid.

2. A special line of latitude close to the North Pole is called Arctic Circle ($66\frac{1}{2}^{\circ}$ N).

3. The Torrid Zone which remains hot throughout the year, lies between the Tropic of Cancer ($23\frac{1}{2}^{\circ}\text{N}$) and Tropic of Capricorn ($23\frac{1}{2}^{\circ}\text{S}$).

4. The areas around the poles form the Frigid Zone.

5. The Prime Meridian passes through Greenwich, near London.

© Name the following:

1. The line dividing the Earth into halves horizontally. Equator.

2. The line of latitude $66\frac{1}{2}^{\circ}\text{S}$. Antarctic Circle.

3. The heat Zone lying between $23\frac{1}{2}^{\circ}\text{N}$ and $23\frac{1}{2}^{\circ}\text{S}$. Torrid Zone.

4. A line of longitude which experiences noon at the same time. Meridian.

5. A line, crossing which, the day and date changes. International Date Line.