

Globe: Latitudes and Longitudes

Q. 1 The following questions briefly.

(A) What is a globe?

Ans. ~~Earth~~ Earth is slightly flattened at the North and the South Poles and bulge in the middle.

(B) What is a globe?

Ans. Globe is the 3D model of the Earth.

(C) What is the latitudinal value of the Tropic of Cancer?

Ans. The Tropic of Cancer lies at  $23\frac{1}{2}^{\circ}$  N of the equator.

(D) What are the three heat zones of the Earth?

Ans. The three heat zones of the Earth are Torrid zone, Temperate zone, Frigid zone.

(e) What are Parallels of ~~Lat~~ Latitude and Meridians of longitude?

Ans. All imaginary Parallel circles from the equator to the Poles are called Parallels of latitude.

⇒ The imaginary set of semi-circle lines that run from North Poles to South Pole are called Meridians of Longitude.

(F) Why does the torrid zone receive maximum amount of heat?

Ans. Torrid Zone lies between the Tropic of Cancer and Tropic of Capricorn. The mid day Sun Exactly overhead at least once a year on all latitudes in this area. Therefore, torrid zone receive maximum amount of heat.

(g) Why<sup>is</sup> it 5.30 PM in India and 12.00 noon in London?

Ans. London is situated at  $0^\circ$  Longituded i.e. Greenwich at  $82^\circ 30' E$  is 5 hours and 30 Min. ahead of GMT. Sp. when it is 5.30 PM in India it is 12.00 noon in London.

Q. 2. Tick the correct answers

(i) The value of the Prime Meridian is —

~~(A)~~ (A)  $90^\circ$  (B)  $0^\circ$  (C)  $60^\circ$

(ii) The Frigid zone lies near —

(A) The Poles (B) the Equator (C) Tropic of Cancer

(iii) The Total number of Longitudes are —

(A) 360 (B) 180 (C) 90

(iv) Grid is a network of —

(A) Parallels of latitudes & Meridians of Longitudes.  
(B) The Tropic of Cancer & the Tropic of Capricorn.  
(C) The North Pole and the South Pole.

(v) The Antarctic circle is located in —

(A) The Northern hemisphere

✓ (B) The Southern hemisphere

(C) The Eastern hemisphere

Q. 3 fill in the blanks →

(a) The Tropic of Capricorn is located at —  
 $23\frac{1}{2}^{\circ}$  South of the Equator.

(b) The standard meridian of India is  $82\frac{1}{2}^{\circ}$  E

(c) The 0 Meridian is also known as Prime Meridian.

(d) The distance between the longitudes decrease  
towards Poles.

(e) The Arctic circle is located in the  
Northern hemisphere.