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[Revision- Based on NCERT]

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Geography Chapter 2 – Globe: Latitudes and Longitudes

1. Answer the following questions briefly.

- (a) What is the true shape of the earth?
- (b) What is a globe?
- (c) What is the latitudinal value of the Tropic of Cancer?
- (d) What are the three heat zones of the Earth?

Answer 1.

- (a) The earth is not a perfect sphere. It is slightly flattened at the North and the South Poles and bulge in the middle.
- (b) Globe is a miniature form of the Earth.
- (c) The latitudinal value of the Tropic of Cancer is $23\frac{1}{2}^{\circ}$ N.
- (d) The three heat zones of the Earth are:
 - 1. Torrid Zone
 - 2. Temperate Zone
 - 3. Frigid Zone

2. Tick the correct answers.

- (a) The value of the prime meridian is
 - (i) 90° (ii) 0° (iii) 60°
- (b) The frigid zone lies near
 - (i) the Poles (ii) the Equator (iii) the Tropic of Cancer
- (c) The total number of longitudes are
 - (i) 360 (ii) 180 (iii) 90
- (d) The Antarctic Circle is located in
 - (i) the Northern hemisphere
 - (ii) the Southern hemisphere

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- (iii) the Eastern hemisphere
- (e) Grid is a network of
 - (i) parallels of latitudes and meridians of longitude
 - (ii) the Tropic of Cancer and the Tropic of Capricorn
 - (iii) the North Pole and the South Pole

Answer 2.

- a. (ii) 0°
- b. (i) the Poles
- c. (ii) 180
- d. (ii) the Southern hemisphere
- e. (i) parallels of latitudes and meridians of longitude

3. Fill in the blanks.

- (a) The Tropic of Capricorn is located at _____.
- (b) The Standard Meridian of India is _____.
- (c) The 0° Meridian is also known as _____.
- (d) The distance between the longitudes decreases towards _____.
- (e) The Arctic Circle is located in the _____ hemisphere.

Answer 3.

- (a) The Tropic of Capricorn is located at **$23\frac{1}{2}^\circ$ S.**
- (b) The Standard Meridian of India is **$82\frac{1}{2}^\circ$ E Longitude.**
- (c) The 0° Meridian is also known as **Prime Meridian.**
- (d) The distance between the longitudes decreases towards the **poles.**
- (e) The Arctic Circle is located in the **northern** hemisphere.