

Ch-1 - The Globe - A Model of the Earth



Worksheet

- ① i) The value of Prime Meridians is 0°
- ii) The frigid zone lies near poles.
- iii) The total number of longitudes are 360.
- iv) The Antarctica circle is located in Southern hemisphere.
- v) Global grid is a network of parallels of latitudes and meridians of longitude.
- vi) The number of time zones in the whole world is 24.
- vii) The Tropic of capricorn is located at $23\frac{1}{2}^\circ S$ degree south of the equator.
- viii) The standard meridian of India is $82^\circ 30'E$.
- ix) The distance between the longitudes decreases towards the pole.
- x) The Arctic circle is located in the Northern hemisphere.

(II)

- 1) The shape of the Earth is like a sphere. (True)
- 2) London is situated at 0° . (True)
- 3) The prime meridian divides the earth into two parts, the Northern hemisphere and the Southern hemisphere. (False)
- 4) Imaginary lines that run from the north to South pole are latitudes. (False)
- 5) The equator divide the earth into two parts. (True)
- 6) Zero degree latitudes is also called the Prime Meridian. (False)

(III)

- 1-Ans-a) North pole
- 2-Ans-b) Global grid

3-Ans-a) $\frac{1}{2}$

4-Ans-a) Parallel

mean min width

mean max width

mean min height

mean max height

mean min depth

mean max depth

mean min distance

mean max distance

mean min angle

mean max angle

mean min aspect ratio

mean max aspect ratio

mean min eccentricity

mean max eccentricity

mean min orientation

mean max orientation