

**Grade- VII**

**SOCIAL SCIENCE**

**I – bit**

- (a) Earth is slightly flattened at the North and South Poles, and bulges in the middle. The shape of the Earth is described as a ‘geoid’, that is, ‘an Earth-like shape’.
- (b) Globe is a true model (miniature form) of the Earth.
- (c) The Tropic of Cancer lies  $23\frac{1}{2}^{\circ}$  north of the Equator.
- (d) The three heat zones of the Earth are: the Torrid Zone, the Temperate Zone and the Frigid Zone.
- (e) All parallel circles from the Equator up to the Poles are called parallels of latitudes.
- The lines of references running from the North Pole to the South Pole are called meridians of longitudes.
- (f) The area between the Tropic of Cancer and the Tropic of Capricorn is known as the Torrid Zone. The mid-day Sun is exactly overhead at least once a year on all the latitudes in this area; hence, this area receives maximum amount of heat.
- (g) In London, the Greenwich Mean Time (GMT) is followed. The Indian Standard Meridian is located  $82\frac{1}{2}^{\circ}$  east of the Prime Meridian. Thus the Indian Standard Time (IST) is 5 hours and 30 minutes ahead of GMT. So, when it is 12 noon in London, it is 5.30 P.M. in India.

**II – bit**

- 1) ii -  $0^{\circ}$
- 2) (i) the Poles
- 3) (i) 360

4) (ii) the Southern Hemisphere

5)(i) parallels of latitudes and meridians of longitudes

**III – Bit**

a) 23½° south of the Equator.

b) 82½° E.

(c) the Prime Meridian.

(d) the Poles.

(e) Northern Hemisphere.