

1. A: Ans- The Earth is not a perfect sphere. It is flattened at the poles and, therefore, its shape referred to as a spheroid.

B: Ans- A globe is a three dimensional model of the Earth in miniature in greatly reduced size.

C: Ans- The tropic of cancer is an at angular distance  $23^{\circ} 26' N$  is the lat  $23^{\circ} 26' N$  is the latitudinal value of the Tropic of Cancer.

d: Ans- The three heat zones of the Earth are torrid zone, temperate zone, and

Frigid zone.

e. Ans- ~~p~~ Parallels of latitude are imaginary lines that run horizontally ~~are~~ across the surface of the Earth. Meridians are the imaginary lines that run vertically across the surface of the Earth, from the North Pole to the South Pole, are called lines of longitude or meridians.

f. Ans- As these parallels get the direct rays of the sun, this is the hottest zone.

g. Ans- The Earth rotates  $1^\circ$  in four minutes.

Therefore, the time in India is 5 hrs and 28 minutes ahead of London (since India is located to the east of Greenwich.) So if the time in London is 12:00 pm, we will add 5 hrs and 30 minutes to it which will be 5:30 pm.