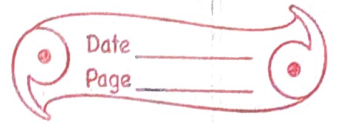


Hw  
30.9.21

# Home Assingment



a. What is the true shape of the Earth?

Ans- It is belived that the shape of Earth is sphere but its not true because it is slightly flattened at the North and the South poles and bulge in the middle and such shape is known as Geoid.

b. What is a globe?

Ans- A globe is a spherical model of Earth. It shows the right shape, location and size of the Earth. It is more accurate than maps. It shows the rotation and revolution more clearly and also shows the oceans and continents accurately.

c. What is the latitudinal value of the Tropic of cancer?

Ans- The latitudinal value of the Tropic of cancer is  $23\frac{1}{2}^{\circ}$  N.

d. What are the three heat zones of the Earth?

Ans. The three heat zones of the Earth are Torrid zone, temperate zone and frigid zone. The hottest zone among all is the Torrid zone while the temperate zone ranges from warm to cool and the frigid zone is the coolest zone.

e. What are the parallels of latitude and meridians of longitudes?

Ans. Parallels of latitude are the imaginary circles from the equator to the poles and the imaginary semi circles lines that run from the north pole to South pole is the meridians of longitudes.

f. Why does the Torrid zone receive the maximum amount of heat?

Ans. The torrid zone receives the maximum amount of heat because the mid-day Sun directly faces the area between the



tropic of cancer and tropic of capricorn.

g. Why is it 5:30 pm in India and 12:00 noon in London?

Ans. Earth rotates from the west to east and the places which lie to the east of Greenwich are ahead than the places which lie to the west. Earth rotates  $1^\circ$  in four minutes and India is located in  $82^\circ$  E. So,  $82.5 \times 4 = 330$  or 5 hrs 30 mins. So London is 5 hrs 30 mins ahead of India.