

# Latitude and Longitude

## Home Assignment

Date \_\_\_\_\_  
Page \_\_\_\_\_

Q1 What is a globe? What does it show?

Ans A globe is a three dimensional model of the Earth which rotates on a slanted axis. It is more accurate than a ~~map~~ map.

Globe gives us the correct shape, size of continents and countries and it shows distance and direction without distortion.

Q2 What do two points one at top and another at bottom denote on a globe?

Ans Earth spins around an imaginary line called axis. The two end points of the axis, considered as north pole (at the top) and south pole (on the bottom). The south pole and north pole act as reference points to locate places on the globe.



Q3 what do you understand by the term Axis of the Earth?

Ans An imaginary line ~~run~~ running through the centre of the earth from the north pole to the south pole on which the earth spins is called Axis of the Earth. The axis of the Earth tilted at an angle of  $23\frac{1}{2}^\circ$  to the ~~vertical~~ vertical.

Q4 Which latitude divide the Earth into two halves?

Ans The equator which is the  $0^\circ$  latitude divides the earth into two halves i.e. Northern Hemisphere and Southern Hemisphere.

Q5 Define latitude.

Ans Latitude are the imaginary lines that ~~run~~ run horizontally across the surface of the Earth. They run parallel to each other. They

measure angular distance in degree.

Q6 Name some important latitudes.

Ans The important latitudes are:

Equator -  $0^{\circ}$  latitude

Tropic of Cancer -  $23\frac{1}{2}^{\circ}$  N from Equator

Tropic of Capricorn -  $23\frac{1}{2}^{\circ}$  S from Equator

Arctic Circle -  $66\frac{1}{2}^{\circ}$  N from Equator

Antarctic

Antarctic Circle -  $66\frac{1}{2}^{\circ}$  S from Equator