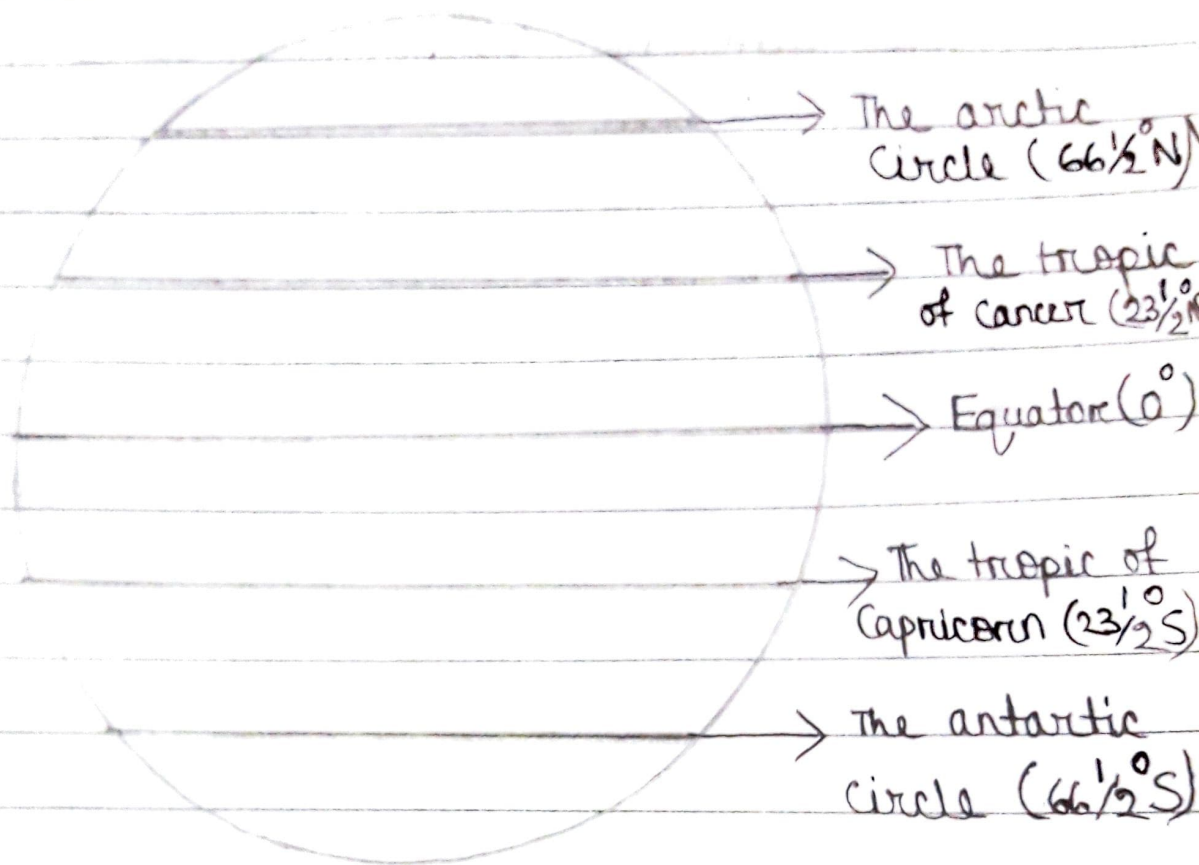


Important latitudes of earth

Equator  $\rightarrow$  It divides the earth into two halves.  
It lies on  $0^{\circ}$  latitude.

The tropic of cancer  $\rightarrow$  It is at an angular distance of  $23\frac{1}{2}^{\circ}N$  from the equator.

The tropic of Capricorn  $\rightarrow$  It is at an angular distance of  $23\frac{1}{2}^{\circ}S$  from the equator.

The arctic circle  $\rightarrow$  It is at an angular distance of  $66\frac{1}{2}^{\circ}N$  from the equator.

The antarctic circle  $\rightarrow$  It is at an angular distance of  $66\frac{1}{2}^{\circ}S$

from the equator.

The different latitudes of the earth differentiate the different temperature zones of the earth.