



Week – 15<sup>th</sup> week - 30<sup>th</sup> Jan- 6<sup>th</sup> Feb, 2021

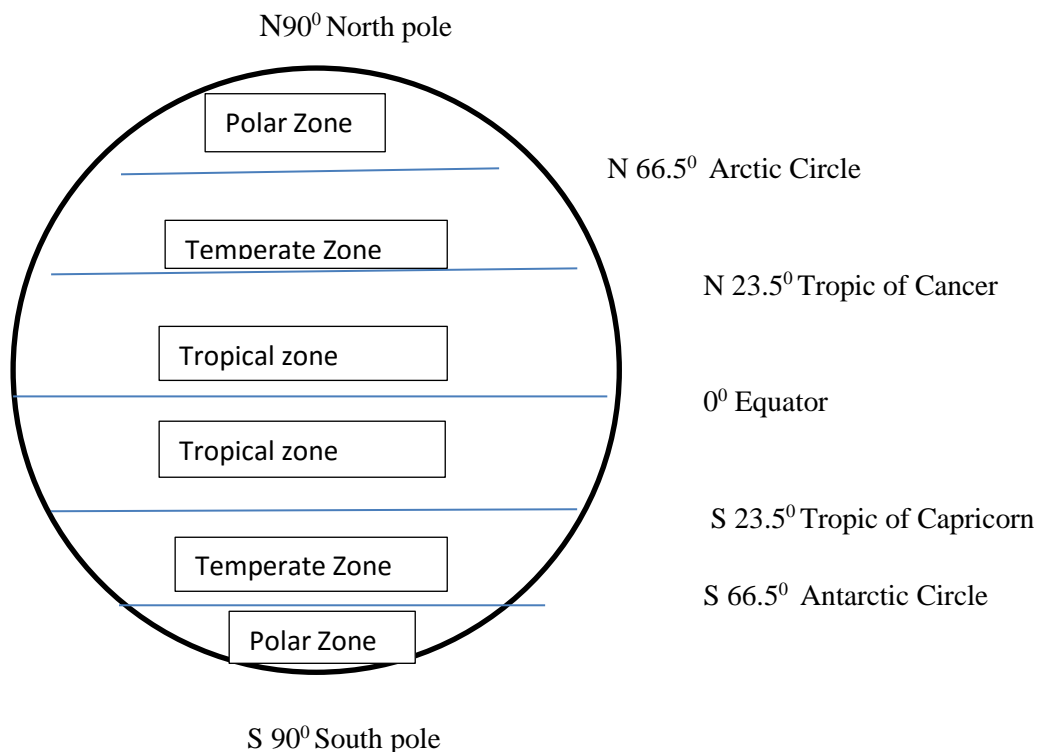
Grade 10

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## Lesson 2- The Major Physical Characteristics of the Earth.

### Distribution of the climatic types and their basic features.

- The general condition of the atmosphere that prevails within a long period of time is called “Climate”.
- A particular type of climate is determined by temperature, rainfall, means of rainfall, and the duration of the rainfall of a particular area.
- The first idea about distribution of climates in the world was originally put forward by a Greek philosopher, Aristotle around 384 BC.
- Later, persons like Austin Miller, Thornthwaite and Keppen have presented wide climatic classifications at global level.
- The three main climatic zones which are based on the distribution of the latitudinal temperature and it is named as “Greek climatic classification”.



## Activities

1. Name two persons who presented world climatic classifications.
2. State four factors that used to determine a particular type of climate.
3. State the three main climatic zones of the world based on the latitudes with a diagram.
4. Mark the three main climatic zones of the world based on the latitudes in a world map.
5. Explain how climate affects human activities giving examples.
6. Fill the following table by using the World Climatic Classification.

	Tropical Climate	Temperate Climate	Polar Climate
Location			
Annual rainfall and Temperature			
Special Features			
Sub Climatic Types			