

Class - 5th

Subject - S.S.T

Lesson - 3 Weather V/S Climate

Very short answer type questions →

Que-1 What is weather?

Ans Weather is hour to hour and day to day condition of the atmosphere.

Que-2 What do you know about the climate?

Ans The climate is the average weather condition of ~~from~~ a place over a long period of time.

Que-3 Name the factors affecting the climate of a place.

Ans Temperature, distance from equator, distance from sea, ocean current, Direction of wind, humidity and rainfall.

Que-4 Define humidity.

Ans The amount of moisture or water vapour present in air is humidity.

Short answer type questions →

Que-1 The earth is divided into three heat zones. How?

Ans The earth is divided into three heat zones on the basis of the heat received by the earth from the sun. These are → (I) Torrid zone
II) Frigid zone (III) Temperate zone.

Que 2 Explain how the humidity and rainfall affect the climate of a place?

Ans:- Humidity and rainfall affect the climate of a place. When the winds blow from sea or ocean it increases humidity in the air. The amount of annual rainfall also affects climate and bring variation in climatic conditions due to uneven distribution.

Que 3 'Temperature decreases with increasing height' How?

Ans:- The climate of a region are influenced by many factors like temperature, distance from the equator, height above the sea level, distance from sea, direction of winds, humidity and rainfall & ocean current.

Que 4 Ocean currents affect the climate of the coastal areas. Do you agree with the statement?

Ans. Yes, the statement is right as winds passing over the water bodies have full moisture which give rain.

compare the followings →

Moderate climate	extreme climate
In moderate climate every climatic feature	Extreme climate is the opposite of

Will be medium like
medium sunlight,
Medium rainfall etc.

moderate climate where
you will have either
hot, or cold climates.

2. Frigid Zone

Frigid zone is the
zone of cold climate
near the poles.

It lies between
Arctic circle and
north pole in
northern hemisph-
ere

Torrid Zone

Torrid zone is
the hottest part
of the earth.

It is the area lying
between Tropic of
Cancer and the
tropic of Capricorn.

3. Sea Breeze

During day time
when the warm air
above the land rises
and cool air from
sea comes towards
land is known as
sea breeze.

Land Breeze

During night when
warm air from the
sea rises and moves
towards land and cool
air from the land
moves towards sea is
said to be land breeze.

Home work

- (1) compare weather and climate.
- (2) Draw and name them → Heat zone of the earth.

Write & Learn it →

<u>Word</u>	<u>E/meaning</u>	<u>H/meaning</u>
1. Average	The normal standard	औसत
2. Condition	The state that somebody	हालत
3. Effect	A result	परिणाम
4. Ultimate	Being or happening at the end	अंत में होने या आने वाला अनुभव
5. Experience	The things that you have done in your life	अनुभव
6. Humidity	Amount of water vapour present in air	नमी / आर्द्रता