



CLASS NOTES-ANSWERS

I) Give one word for the following.

- 1) The average weather condition of a place over a long period of time – **climate**.
- 2) The height of a place above sea level – **altitude**.
- 3) The amount of moisture present in the air – **humidity**.
- 4) The southern extent of the Torrid Zone - **tropic of Capricorn**.
- 5) Another name for Antarctica - **white continent**.

II) Complete the sentences.

- 1) Hill stations such as Shimla are cold even in summer because temperature decreases as altitude increases.
- 2) At night, when the sea is warmer, the cool breeze from land.
- 3) Winds can be hot, cold or full of moisture depending on where they blow from
- 4) As warm air holds more moisture than cold air, humidity is higher in the lower latitudes
- 5) The Temperate zone lies between in the Tropic of Cancer and the Arctic Circle Northern Hemisphere and the Tropic of Capricorn and Antarctic Circle in the Southern Hemisphere.

III) Write 'T' for true and 'F' for false Rewrite the incorrect statements to correct them.

- 1) Water heats up and cools down comparatively slower than land: **True**
- 2) The word Torrid means mild: **False**
- 3) Warm winds lower the temperature, while cold winds raise the temperature of a particular place: **False**
- 4) Kolkata has more humid climate than Agra: **True**
- 5) The earth has been divided into three climatic zones: **True**

IV) Answer the Following Questions

- 1) How do the axis of latitude influence the climate of a place?



Answer: the tilt of the axis makes some places get slanting rays of the sun. The latitude tells us how far away from the equator, which gets the direct heat of the sun, a place is.

2) Why are hill station cold even in summer?

Answer: This is because the temperature decreases as altitude increases.

3) How does distance from the equator influence the climate of a place?

Answer: The region closer to the equator is comparatively nearer to the sun and hence receives the direct rays of the sun. These places are warmer.

4) Write a short note on Torrid Zone.

Answer: the word torrid means very hot. The Torrid Zone extends from the Tropic of Cancer to the Tropic of Capricorn. It is the hottest climate zone of the earth as it receives the sun's direct rays.

5) Why does the Temperate zone have a mild climate?

Answer: Because Temperate zone receives slightly slanting rays of the sun.

V) Think it over (HOTS)

Out of the three climatic Zones, which zone would have countries that are more populated?

Answer: The countries in the temperature zone are more populated because of comfortable climatic conditions that are better suited for living.