

C Answer the following questions.

1 What is the difference between weather and climate?

A Weather is the condition of the atmosphere at a particular place and time. Weather can change from day to day even hours to hours.

• ~~1~~ Climate, on the other hand, is the average weather condition of a place over a long period of time.

2 How does the climate of a place affect the people living there?

A The climate of a place affects the people living there in many ways. The clothes they wear, the food they eat and the types of houses they live in are all affected by the climate.

3 Name the five important factors that determine the climate of a place?

A The factors determine the climate of a place are five important factors they are:

- distance from the Equator.
- height above sea level
- distance from the sea
- winds
- The amount of moisture in the air.

4 why do areas near equator receive more heat from the sun than those near the poles?

A The area near the equator is called torrid zone or tropical

zone, it receives more sunlight from the nearer poles because the sunlight from the sun directly fall on it.

5 where are the following heat zone located? Describe the general climate of each zone.

(a) Frigid zone - The areas between the arctic circle and the north poles in the northern hemisphere and between the antarctic circle. They are very cold and covered with snow throughout the year. They are called Frigid zone.

b Temperature zone - The areas that lies between the Tropic of cancer and the Arctic circle in the northern hemisphere and the Tropic of capricorn and the Antarctic circle in the southern hemisphere are called temperature zone.

c Torrid zone - The area on both sides of the equator, between the Tropic of capricorn, is called the Torrid zone.

6 How do winds affects the climate of a place?

A Thus, the hot wind from the Thar desert make delhi very hot during summer and monsoon winds from the Indian ocean and Arabian sea bring rain to large part of India. Thus, the climate of an area is affected by the winds.

7 How is the humidity in cheena different that of jaisalmer in Thar desert?

A Desert are formed in places where there is very little humidity, and so very little rain throughout the year.