

4.07.21

## HOMEWORK Q/A

Date

Page

39

C. Answer the following question.

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.

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

2. How does the climate ~~affect~~ 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 <sup>the</sup> sea.
- winds
- the amounts 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 falls on it.

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

(a) Frigid zone - The areas between the ~~arctic~~ arctic circle and the north pole in the northern hemisphere, and between the Antarctic circle and the south pole in the southern hemisphere. They are very cold, and covered with snow throughout the year. They are called Frigid zone.

(b) Temperate zone - The areas that lie between the Tropic of Cancer and the Arctic ~~circle~~ circle in the northern hemisphere, and the Tropic of Capricorn and the Antarctic circle in the southern hemisphere, are called the temperate zone.



(c) Torrid zone - The area on both sides of the Equator, between the Tropic of Cancer and the Tropic of Capricorn, is called the Torrid zone.

6. How do winds affect the climate of a place?

A → Thus, the hot winds from the Thar Desert make Delhi very hot during summer and monsoon winds from the Indian Ocean and Arabian Sea bring rain to large parts of India. Thus, the climate of an area is affected by the winds.

7. How is the humidity in Chennai different than that of Jaisalmer in the Thar Desert?

A → Deserts are formed in places where there is very little humidity and so very little throughout the year.