

H/W Delhi is farther away from the Equator than Chennai. But summer in Chennai is not as hot as in Delhi. What is the reason for this?

Ans The climate of a place is determined by the latitude, height above the sea level, Distance from sea, winds and humidity.

Delhi is further away from the Equator than Chennai. But ~~the~~ summer in Chennai is not as hot as in Delhi, because Chennai is located near the sea and is humid, While Delhi is not. Hence, Delhi is hotter.

# Q \$ A

A Fill in the blanks.

- 1 The condition of the atmosphere at a particular place and time is called weather.
- 2 The rays of the Sun fall vertically on land near the equator, but are slanting near the poles.
- 3 The heat zones within which the Equator lies is the Torrid zone.
- 4 The heat zone farthest from the Equator lies is the ~~Torrid~~ frigid zone.
- 5 The heat zone which enjoys a mild climate is the ~~humid~~ temperate zone.
- 6 The amount of water vapour in the air is known as humidity.
- 7 As we go up on a mountain, it becomes cooler (cooler/warmer).

B Write T for true and F for false

1. Climate changes from day to day. F
2. The air in deserts has low humidity. ~~F~~ T
3. During the summer months, days are longer near Equator than far away from it. ~~F~~ F
4. Most places in the temperate Zone have a mild climate. T
5. The climate near the Equator is hot and wet. T

## Multiple choice questions

1. The climate of ~~a~~ a place is affected by

a) ~~Tropical~~ distance from the Equator

b) humidity

c) Temperate zone

d) all of these ✓

2. Which of these zones receive the maximum heat from the Sun?

a) Tropical zone ✓

b) Frigid zone

c) Temperate zone

d) all of these receive equal amounts of heat

3. A city is expected to have a moderate climate if it is

a) near the equator

b) near the sea ✓

c) near the mountains

d) near the poles

4 If the latitude of a place is  $30^{\circ}$  N it lies in the

a) Tropical zone

b) North temperate zone ✓

c) Frigid zone

d) South temperate zone

5 A city on the equator. It is located on the plains, far away from the coast. Its climate is expected to be

a) hot throughout the year ✓ b) cold throughout the year

c) hot in summers and cold winters d) neither very hot nor very cold