

# Shreeram Model School

## ASSIGNMENT SHEET – 02

<b>SUBJECT</b>	<b>TASK</b>
<b>SST</b>	<b>Chapter- 3 Weather and climate</b>
<b>NOTE BOOK WORK</b>	<b>ONE LINE QUESTION ANSWERS</b>

# SHREERAM MODEL SCHOOL

**V- S.st**

## **ASSIGNMENT - 02** **Ch- 3 Weather and Climate**

**1. Name the important factors that determine the climate of a place.**

**Ans:** The climate of a place is influenced by several factors:

- a. Latitude or distance from the equator.
- b. Altitude or height above the sea level.
- c. Distance from the sea.
- d. Humidity and rainfall
- e. Direction of winds.
- f. Ocean currents

**2. How do winds affect the climate of a place?**

**Ans:** Winds bring the weather of the place where they come. Winds coming from regions that are hot increase the temperature while those coming from cold regions decrease the temperature.

For example Delhi is hot in summer due to dry, hot winds from Rajasthan. In winter, cold winds from the Himalayas cause a cold wave in northern India.

**3. Define weather.**

**Ans.** The daily state of atmosphere at a place is called its weather. It keeps changing from day- to-day.

**4. Define climate.**

**Ans.** The climate of a region is the sum total of its weather conditions over a long period. The climate of a place remains more or less the same, year after year.

**5. Define altitude.**

**Ans.** Height above the sea level is called the altitude of a place.

**6. Why are the places near the Equator hot?**

**Ans.** The rays of the sun fall vertically on the equator. They cover a smaller area. Thus the equatorial areas get more of the sun's heat, and have a hot climate.

**7. How does the altitude affect the climate of a place?**

**Ans.** Places at higher altitudes are cooler than places at lower altitude because the temperature decreases as the height of the land increases. At higher altitudes, the temperature is lower than in the plains. That is why very high mountains experience snowfall instead of rain.

**8. Why Kolkata is far cooler than Amritsar in summers?**

**Ans.** Places near the sea coast have a moderate climate because of cool breezes coming from the sea. Kolkata is located near the sea coast that is why the climate of Kolkata is cooler. Amritsar is far from the sea and does not get sea breezes. That is why Amritsar is extremely hot in summers.

**9. How the seas make the weather cool and moist?**

**Ans.** Winds coming from the sea make the weather cool and moist.

**10. Why the North and South Frigid Zone have very cold climate?**

**Ans.** The North and South Frigid Zone have very cold climate because these regions are farthest from the Sun and receive very little sunlight.