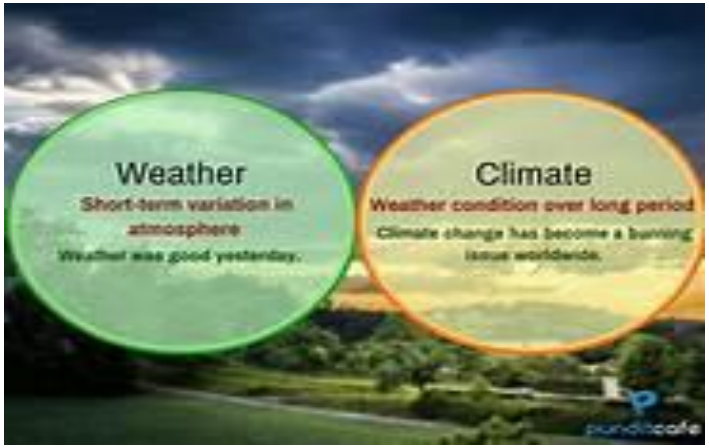

SESSION : 15
CLASS :V
SUBJECT : (SOCIAL SCIENCE)
CHAPTER NUMBER: 4
CHAPTER NAME : Climate
SUBTOPIC : Long Question and Answer

LEARNING OBJECTIVES:

Children will come to know:

1. About weather and climate
2. About heat zones
3. About factors affecting climate of a place

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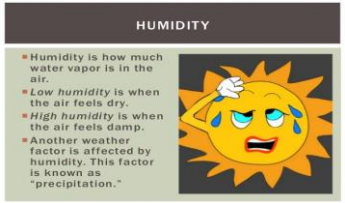
RECAPITULATION

Factors which affect climate

Certain factors affect climate and these explain why climates differ from one region to another.

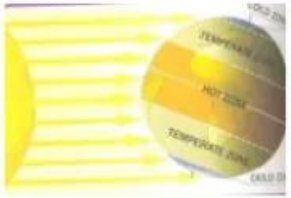
Humidity



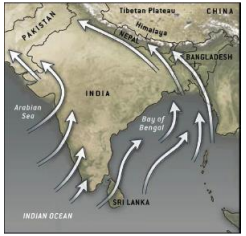
Distance from the sea

Altitude

Proximity to the Equator



Distance from the sea



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LONG QUESTION AND ANSWERS

C.Answer the following questions.

1.What is the difference between weather and climate?

Ans. **Difference between weather and climate:-**

WEATHER	CLIMATE
Weather is the condition of the atmosphere at a particular place and time.	Climate is the average weather condition of a place over a long period of time.
Atmospheric conditions can change within a short period like minutes, hours, days, etc.	2.Atmospheric conditions remains unchanged over a long period of time.
The study of weather forecasting is known as meteorology.	3.The study, observe and predict the changes in climate is known as climatology.

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

Ans.The climate of a place affects the people living there in many ways. Like-

i.The clothes they wear.

ii.The food they eat.

iii.The types of houses they live .

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

Ans.Five important factors that determine the climate of a place are-

i.Distance from the Equator

ii.Height above sea level

iii.Distance from the sea

iv.Winds

v.The amount of moisture in the air

4.Why do areas near the Equator receive more heat from the Sun, than those near the poles?

Ans.Areas near the Equator receive more heat from the Sun because:-

i.Sun rays are vertical or direct at the Equator and slanting at the poles.

ii.The direct rays have to heat up a smaller area and slanting rays have to heat up a larger area of the Earth's surface.

Hence, places near the Equator get heated more than places near the poles.

HW

Delhi is further away from the equator than Chennai. But summer in Chennai is not as hot as in Delhi. What are the reasons for this?

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LEARNING OUTCOME:

By the end of the class, children will be able to:

1.Know the difference between weather and climate.

2.Know how earth is divided into different heat zones depending upon the sun rays received by different parts of the earth.

3.Know how different factors affect the climate of the earth.

THANKING YOU

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