St.Andrews Scots School

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Session 2026-2027

CLASS-5	SUBJECT – SOCIAL SCIENCE	L-5 WEATHER AND CILMATE

New Words

1. atmospheric
2. temporary
3. alignment
4. influence
5. overwhelming
6. moisture
7. retreating
8. disturbances
9. barrier
10. variation

Learn Define and FIB from book.

Answer these questions

Q 1- Differentiate between weather and climate.

Ans-

Weather	Climate
a) Weather is the day to day atmospheric condition at a particular place. b) Weather is temporary and changes often.	a) The climate of a place is the pattern of the weather condition over a long period of time. b) climate is permanent and remains stable for a long time

Q 2- List the factors that affect the climate of a place.

Ans-The climate of a place depends upon several factors such as:-

a. location

b. altitude

c. distance from the sea

d. winds

e. humidity

f. rainfall

Q 3- How does the altitude influence the climate of a place?

Ans Places located at the higher altitude like hill stations or mountain tops experience relatively colder climate.

Q 4- What do you understand by the heat zones? Draw diagram.

Ans The Earth has been divided into three heat zones on the basis of the intensity of sunlight it receives. The three heat zones are:-

a. Torrid Zone

b. Temperate Zone

c. Frigid Zone

Q 5- Describe the climatic conditions of torrid zone.

Ans- a. Since the torrid zone receives strong sunlight throughout the year, it is the hottest zone of the Earth.

b. This zone receives a lot of rainfall. thus the climate of this zone is hot, wet and humid.

Think and answer

Q Why is Shimla cooler than Chandigarh?

Ans Shimla is located at higher altitude than Chandigarh . Therefore it is cooler than Chandigarh.