

**Assignment: Chapter 9 - Weather and Climate**  
**Subject: Social Studies**  
**Class V A/B/C    Date: 18<sup>th</sup> July 2020**

Exercises

A. Fill in the blanks:

1. Changes in weather happen because of changes in the atmosphere.
2. Climate is the usual weather a place has over a very long period of time.
3. The geography of a place has an effect on both weather and climate.
4. Our lives are affected by both weather and climate.

B. Match the following:

	A	B
1.	latitude	Parallel to the equator
2.	altitude	Height of a place above sea level
3.	pleasant	nice
4.	humid	A lot of water vapour in the air

C. Write true or false:

1. The weather can change from day to day .    True
2. Climate can also change from day to day .    False
3. People build houses with sloping roofs in Ladakh.    False
4. The direction of winds at a particular time of the year affects climate.    True

D. Choose the correct answer:

1. A place that is close to the equator is [ warmer / cooler ] than a place that is far away from the equator.
2. Places that are at a high altitude are [ warmer / cooler ] than places that are at sea level.
3. In summer, inland places are [ warmer / cooler ] than places that are beside the sea.
4. In winter, places beside the sea are [ warmer / cooler ] than inland places.

E. Answer the following questions:

1. What is one important difference between weather and climate?

Ans: The one important difference between weather and climate is that weather can change in a day or from day to day due to the change in the atmosphere. Whereas climate is the usual pattern of weather that a place has over a long time .

2. Give one example of how the climate affects the way people live?

Ans: Places like the state of Kerala in South India has a wet climate therefore the houses are built having sloping roofs so that the rainwater can flow easily.

3. Explain why the latitude of a place affects how hot or cold a place is?

Ans: The equator at  $0^{\circ}$  gets the most direct rays of the sun so the latitude of a place tells us the distance from the equator. Places closer to the equator are hotter and warmer than places situated further away from the equator which are cooler .

4. Why does the sea have an effect on the climate of a place?

Ans: The sea has an effect on the climate of a place because water heats or cools more slowly than land .For example ,places that are far away from the sea are hot in the summer because land heats up quickly while places close to the sea are cooler as water takes long time to heat.

5. Give an example of how winds affect the climate of a place?

Ans: The direction of the regular winds that blow at a particular time of the year affects the climate too. For example the south-west monsoon winds which blow from early June to September bring rain to most parts of India.

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