

WELLAND GOULDSMITH SCHOOL
SOCIAL STUDIES
(GEOGRAPHY)
CLASS- V
TOPIC: FACTORS THAT AFFECT OUR CLIMATE
ANSWER KEY

Q1. Fill in the Blanks:

1. 1°C
2. Longer , Land
3. Moderate
4. Altitude
5. Direct
6. Closer , Climate.
7. Moisture.
8. Weather.

Q2. Name Them:

1. The zone that lies between Tropic of Cancer and the Tropic of Capricorn- [Torrid Zone](#)
2. The study of weather conditions - [Meteorology](#)
3. The rays of the sun are very slanting in this zone - [The Frigid Zone](#)
4. The kind of weather that a place has over a long period of time - [Climate](#)
5. The scientists who study weather and climate with the help of various instruments- [Meteorologists](#)

Q3. Answer the following questions:

1. Distinguish between weather and climate.

Ans: Weather is the condition of atmosphere of a particular place for over a short period of time where as the climate is the kind of weather that a place has over a long period of time .

2. Name the five factors that influence the climate of a place.

Ans: The five factors that influence the climate of a place are:

- Distance from the Equator
- Altitude
- Distance from the sea
- Direction of winds
- Humidity

3. Why do places near the Equator have a hot climate?

Ans: The places near the Equator have a hot climate because the rays of the sun are more direct or perpendicular near the Equator. These rays fall over a smaller area and make the place hot.

4. Why is it colder in mountains than in the plains?

Ans: It is colder in mountains than in the plains because the climate of a place is also affected by its altitude, that is, the height of a place above the sea level. The higher the altitude, the colder the climate .

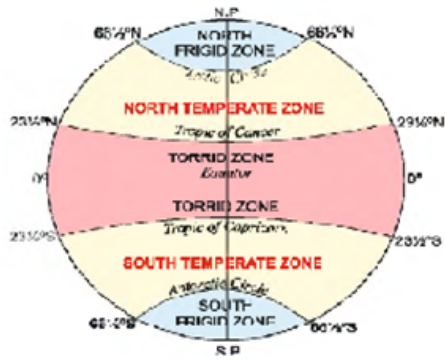
The temperature decreases by 1°C for every 165 metres above the sea level.

5. Why are Delhi and Amritsar hotter than Mumbai and Kolkata?

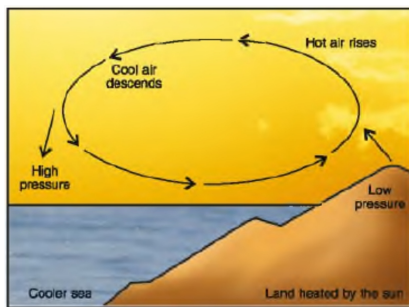
Ans : The distance from the sea also influences the climate of a place . Since Mumbai and Kolkata are closer to the sea they experience a moderate but humid climate in comparison to Delhi and Amritsar.

Q4. Draw, Colour and label

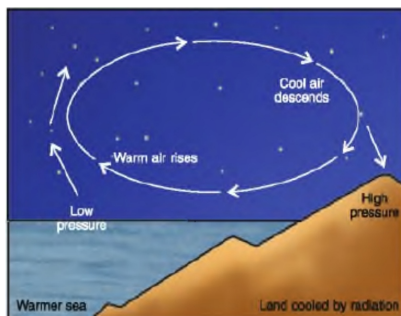
A. Three Climatic Zone



B. Sea Breeze (day)



C. Land Breeze (night)



Assignments from “Interactive Social Studies” book

Q5. Tick the correct answer: (Page 27 Ex-A)

1. Hotter
2. 1°C
3. Meteorologists

Q6. State True or False for the following statements : (Page 27 Ex-C)

1. True
2. False
3. True

Q7. Match the factors of climate with their corresponding examples: (Page 27 Ex-D)

<u>Factors of climate</u>	<u>Examples</u>
1.Distance from the sea	(a) Places near the Equator have a hotter climate (3)
2. Direction of the wind	(b) Mount Kilimanjaro is near the Equator but is still covered with ice (4)
3. Distance from the Equator	(c) The South-West monsoon winds bring a lot of rain to the west coast of India. (2)
4. Altitude	(d) Delhi has an extreme climate. (1)