

Topic- Chapter-9 "Weather and Climate"

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Good Morning Children,

This lesson is of Class-V for the subject of Geography in which Chapter-9 "Weather and Climate" will be continued with the explanation of the back exercises, which are given on page number-58 of your text book titled "Time-Trek-5". So all the students may please keep their geography books and notebooks ready as we are going to start our today's topic. Let us discuss the answers of Exercise-A first.

Exercise-A Fill in the blanks:-

- 1) Climate
- 2) Weather
- 3) equator
- 4) moderate

Exercise-B Match the following:-

- 1) Weather- Over a small period
- 2) equator- vertical sunrays

(2)

- 3) higher altitude - snowfall
- 4) Offshore wind - from land to sea
- 5) Sea breeze - from sea to land

Exercise - C "Write True or False" :-

- 1) True      2) True      3) False
- 4) False      5) False

Exercise - D "Choose the correct answer" :-

- 1) short
- 2) Sea, land
- 3) slanting
- 4) land breeze
- 5) moderate

Exercise - E "Answer the following" :-

- 1) Write the main factors that effect the climate of a place.



Ans:- The main factors that affect the climate are

- 1) Latitude
- 2) Altitude of a place
- 3) Distance from the sea

Ques-2. Write two major differences between weather and climate.

Ans:- Weather

1) Weather is the atmospheric condition of a particular place for a short period of time.

2) The study of weather is called Meteorology.

3) It is measured on daily basis.

Climate

1) Climate is the average weather condition of a place or region measured over a long period of time.

2) The study of climate is called Climatology.

3) It is measured over a period of almost 30 years.

Ques-3. Why do the regions near the equator receive more heat?

Ans:- The regions near the equator receive vertical sun rays spread over a small area, so sun's heat mostly reaches middle of the Earth.

Ques-4 How does the altitude of a region affect its climate?

Ans:- The Altitudes also affects the climate of a region because the rise in altitude causes a fall in temperature it means that temperature decreases with increase in altitudes.

Ques-5 - How does the sea breeze affect the climate of the coastal areas?

Ans:- In summers sea breeze keeps the place or region cool while in winter the sea breeze warm up the coastal areas.

Students are advised to note down these question- answers in their notebooks neatly. That's all for today.

Thank you.