

VIDYABHAWAN BALIKA VIDYAPITH

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Class : 5th A & B

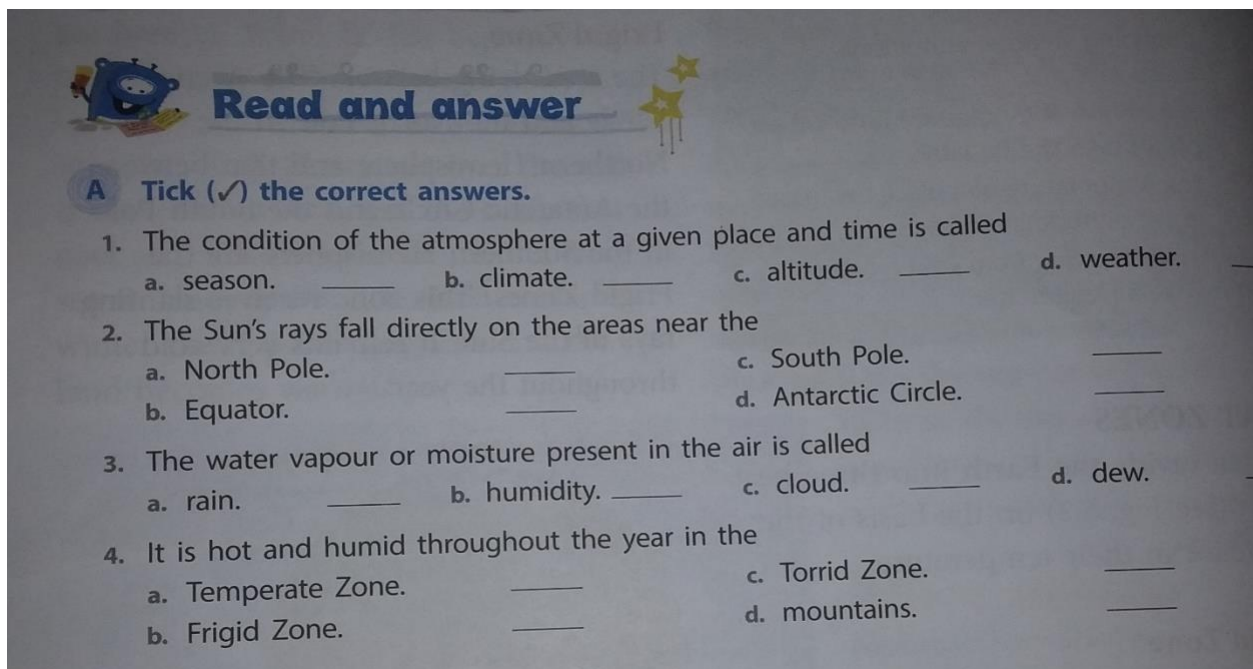
subject : Social Science

Date : 16.06.21 (wed)

sub Techer : Naina paswan

Based on N.C.E.R.T pattern

CHAPTER : 5 : WEATHER AND CLIMATE



Read and answer

A Tick (✓) the correct answers.

- The condition of the atmosphere at a given place and time is called
a. season. _____ b. climate. _____ c. altitude. _____ d. weather. _____
- The Sun's rays fall directly on the areas near the
a. North Pole. _____ c. South Pole. _____
b. Equator. _____ d. Antarctic Circle. _____
- The water vapour or moisture present in the air is called
a. rain. _____ b. humidity. _____ c. cloud. _____ d. dew. _____
- It is hot and humid throughout the year in the
a. Temperate Zone. _____ c. Torrid Zone. _____
b. Frigid Zone. _____ d. mountains. _____

Answer : 1. d 2. b 3. b 4. a

B Fill in the blanks.

1. The _____ of a place does not change over a long period of time.
2. The world is divided into _____ major climatic regions.
3. The rays of the Sun become _____ as one moves away from the Equator.
4. Places near the coast have a _____ climate.
5. The _____ Zones remain cold all the year round.

Answer : 1. Climate 2. Five 3. Slanting
4. Moderate 5. Frigid

C Answer these questions.

1. Why do places near the Equator receive more heat than those near the poles?
2. Write the difference between
 - a. weather and climate.
 - b. moderate climate and extreme climate.
3. Why does Chennai have a moderate climate?
4. How do winds influence the climate of a place?
5. Describe the climatic conditions of each heat zone.

Answer : 1. Because the sun's rays hit the earth's surface at a higher angle at the equator. e. Because the sun is always directly overhead at the equator.

2. a. Weather refers to short term atmospheric conditions while climate is the weather of a specific region averaged over a long period of time.

b . moderate climate is neither too hot in summers nor too cold in winter. Extreme climate, summers are too hot and winters are too cold. 2) Moderate climate is found in coastal area whereas extreme climate is found in inland areas

3. Chennai lies on thermal equator and also in the coastal area. Effect of sea breezes is also one of the major reasons for the Chennai have a moderate climate and it does changes often to many number of other aspects •

4. The winds affect the climate because they create the hot and cold air which moves around. Prevailing winds affect the climate of an area. ... Thus, winds bring in heat/cold from the direction it has been blown from and thus change the temperature of the place which affects the climate.

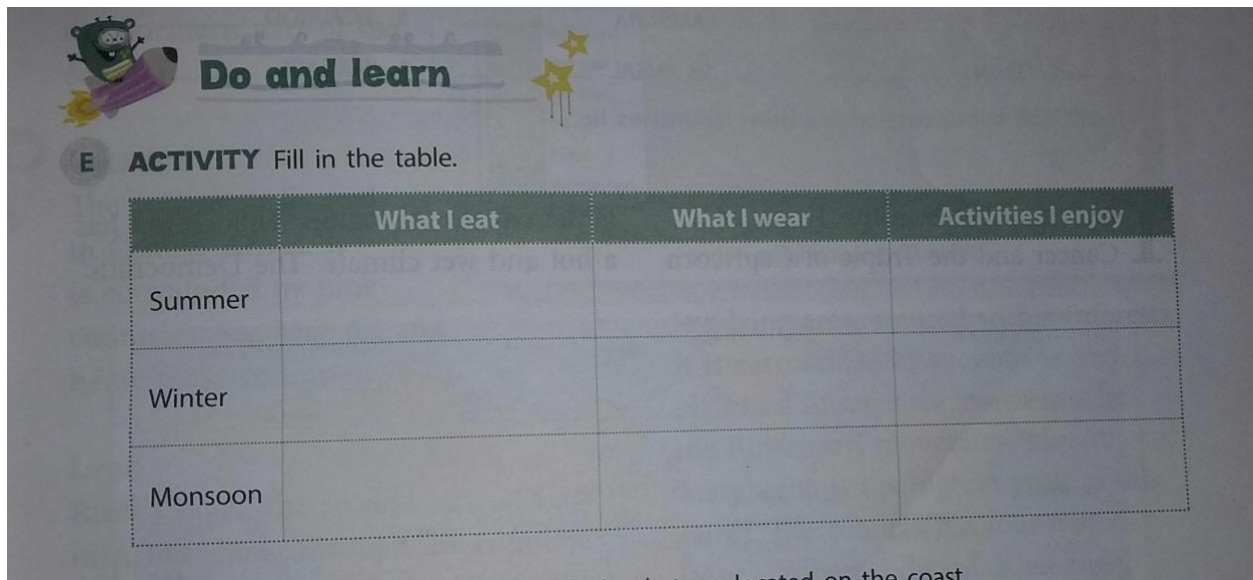
5. In the tropical zone, the temperature ranges from 0 degrees to 23.5-degree centigrade. In the subtropics zone, the temperature of climates ranges from 23.5 to 40-degree centigrade. In the temperate zone, the temperature of climates ranges from 40 to 60degree centigrade

D. Think and answer.

Shimla and Ludhiana are almost at the same distance form the Equator. Then, why is Shimla much colder then Ludhiana ?

Answer : Answer: Though Shimla and Ludhiana lie at the same distance from the equator, Shimla is colder because it lies at a high altitude.

IN HW TO DO YOUR SELF :



Do and learn

E ACTIVITY Fill in the table.

	What I eat	What I wear	Activities I enjoy
Summer			
Winter			
Monsoon			

... is located on the coast