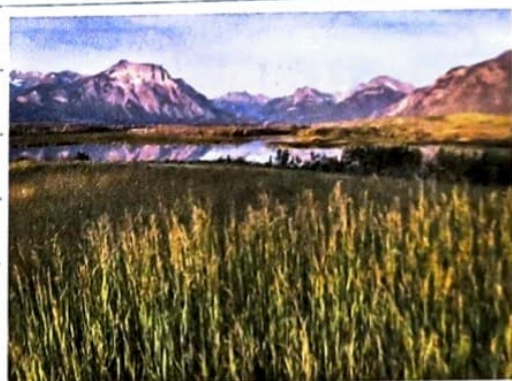


Topic - "Major Temperature Zones of the Earth"

Good Morning Students,

This lesson is of class-V for the subject of "Geography" in which the Chapter-11 "Major Temperature Zones of the Earth" will be continued with explanation of the topic Temperate Zone and Frigid Zone, which are given on page number-68, 69 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. First of all we will discuss:-

TEMPERATE ZONE :-



Prairies

The Temperate Zone lies between the Tropic of Cancer (23.5° North) and the Arctic Circle ($66\frac{1}{2}^{\circ}$ North) in the Northern Hemisphere.

It is known as the North Temperate Zone and which lies between the Tropic of Capricorn (23.5° South) and the Antarctic Circle ($66\frac{1}{2}^{\circ}$ South) in the Southern Hemisphere is known as the South Temperate Zone.

This belt has a moderate climate which is neither too hot nor too cold. It is because sun is never overhead and receive slanting rays of the sun. Let us discuss some

of the climatic types which are found in the Temperate Zone from the table given below :-

Climate Type	Distribution	Climatic Conditions	Natural Vegetation
Mediterranean	confined to the western portion of continental masses, between 30° and 45° latitudes in Northern and Southern Hemispheres	1. hot, dry summer 2. mild winter with rainfall	1. trees with small broad leaves 2. known as 'orchard land' because large numbers of grapes and citrus fruits like oranges, lemons, limes, citrons are grown
Temperate grassland	beyond the Mediterranean climatic zone	very warm summer and very cold winter 	1. grasslands such as steppe, prairies, pampas, veld, and downs 2. known for wheat cultivation: known as the granaries of the world

Steppe

Students, as we have completed a small part of today's topic, let us recount the topic by means of a short test. You may pause the lesson for 3-minutes and try to write the answers of the given questions.

1) What do you mean by the Orchard land?

2) Which grassland is known for the cultivation of wheat?

3) Name atleast any 3 grasslands?

(2)

Ans-1. The region in ^{the} Mediterranean type climate in which large number of grapes and citrus fruits are grown is known as orchard land.

Ans-2. Steppe grassland.

Ans-3. Steppe, prairies, pampas, veld and downs.

Let us proceed further:-

FRIGID ZONE :- Frigid Zone extends from the

Arctic Circle to the North Pole in the Northern Hemisphere and from the Antarctic Circle to the South Pole in the Southern

Hemisphere. These zones are extremely cold. It is because these areas receive extremely slanting rays of the sun throughout the year. These regions are covered with permanent ice and experience six months of day and night each. The Frigid zones are also called the Polar Zones.



Frigid Zone in the South Pole region of the Earth

That's all for today students, please go through the assignments carefully for better understanding of the topic.

Thank you.

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Topic - Major Temperature Zones of the Earth

④

Good Morning Students,

This lesson is for Class-V for the subject of 'Geography' in which the back exercises of 'Chapter-11 'Major Temperature Zones of the Earth' will be discussed, which are given on page number 70 and 71 of your textbook - "Time Trek-5" and is being submitted to you on 08th August, 2022. All the students please keep your geography books and notebooks ready as I am going to explain the answers of the given exercises.

★ Exercise-A Fill in the blanks:-

- 1) three 2) equator 3) Antarctic Circle
- 4) tropical grassland 5) granaries

★ Exercise-B Match the following:-

- 1) Torrid Zone 4) temperate grassland
- 2) tropical grassland 5) Mediterranean Climate
- 3) hot desert

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★ Exercise-C Write true or false :- (5)

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

★ Choose the correct answers :-
Exercise-D

- 1) Torrid
- 2) Mediterranean
- 3) Savannah
- 4) wheat
- 5) trees

Students, as we have discussed first four exercises, so first of all you ^{should} complete these exercises and then we will discuss exercise-E "Answer the following".

★ Exercise-E "Answer the following"

1) Define Torrid Zone ?

Ans :- The area between the Tropic of Cancer and The Tropic of Capricorn is called Torrid Zone.

2) What are the important climatic conditions of the tropical grasslands ?

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Ans: - The important climatic conditions of the tropical grassland are -

- 1) Distinct wet and dry seasons.
- 2) Average temperature between 24 to 27°C .
- 3) Annual rainfall between 100 to 150cm .

Ques 3. Give an example of rainforest. In which temperature zones are they found?

Ans: - Amazon Rainforests, found in Torrid Zone.

Ques 4. Write two important features of the natural vegetation found in areas having Mediterranean climate.

Ans: - Important features of the natural vegetation found in the areas having Mediterranean climate are -

- 1) trees with small broad leaves.
- 2) A large number of grapes and citrus fruits are grown here, so also known as 'Orchard land'.

Ques 5. Describe the extent of Frigid Zone.

Ans - Frigid Zone covers areas between the Arctic Circle and the North Pole and also the areas between the Antarctic Circle and the South Pole.

Thank you.

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