



CLASS: V

Subject: Social Studies

Date: 26/06/2020

Topic: The Major Temperature Zones of the Earth

Time Limit: 30 minutes

Worksheet No. : 17

[Please read the chapter from your textbook and the attached notes. Then workout the exercises neatly in your notebooks henceforth. You will use inter-leaf copy. In the first page of your notebook, you must write the contents, following the format given below. Write the Date and Worksheet number at the top of the page where you start your work. Ensure neat and tidy work.]

Children please fill up the contents page regularly.

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DATE	WORKSHEET NO.	CHAPTER NO. AND NAME	PAGE NOS.	TEACHER'S SIGNATURE

The Temperate Zone

Location: Temperate Zone is located between the Tropic of Cancer(23.5°N)and the Arctic Circle(66.5°N) in the Northern Hemisphere and the Tropic of Capricorn (23.5°S) and the Antarctic Circle(66.5°S) in the Southern Hemisphere. This Zone is neither too hot nor too cold because the Sun rays do not fall directly.

Climate: The climate in Temperate Zone is mild. In summer days are long and nights are short. In winter days are short and nights are long. **The Northern parts of India lie in this Zone.**

Natural Vegetation and Wildlife: This zone has **coniferous forests, grasslands and temperate forests,** and also find some areas with low rainfall where thorny plants and shrubs grow.

This zone is also home to quite a rich variety of wildlife.

Frigid Zone

Location: Frigid Zone is located between the Arctic Circle(66.5°N) and the North Pole(90°N) in the Northern Hemisphere and the Antarctic Circle (66.5°S) and the South Pole (90°S) in the Southern Hemisphere. This is the coldest zone.

Climate: The places in this zone remain cold throughout the year. In summer, there is continuous daylight for six months at the poles. During winter, it is dark and freezing at the poles for six long months.

Natural Vegetation and Wildlife: The vegetation found in the extremely cold North Frigid Zone is known as **tundra**. Due to the extreme cold, very small plants like mosses and lichens grow here during the summer. The South Frigid Zone remains permanently covered with snow.

Both the North and South Frigid Zones are home to many kinds of animals that can't be found anywhere else.

HUMAN ACTIVITY AND CLIMATE CHANGE

As a result of human activities, the global climate is becoming warmer and affecting plant and animal life across the three temperature zones.

- Many forests of the Torrid Zone have been cleared by human beings, for purposes of agriculture and industry. In the process, many animals have lost their natural homes and face the threat of **extinction**.
- The Temperate Zone was once lush with large tracts of grasslands but now most of these grasslands have been cleared for agriculture, human settlement and industry, driving these animals to extinction in the wild.
- The increasing use of coal and petroleum has led to more carbon dioxide in the air led to increasing global temperatures. As a result, animals of Frigid Zone are losing their homes and sources of food.

We must be sensitive to the needs of all other living beings with whom we share the Earth. If we don't, severe **ecological imbalance** will eventually impact all of us.

ASSIGNMENT

Write True/False and rewrite the correct one.

- 1.The zone between the Tropic of Cancer and the Arctic Circle is the Tropical Zone.
- 2.We can find grizzly bears in Torrid Zone.
- 3.Rainforests are found in the Fridge Zone.

Give reasons for the following:

- 1.The Temperate Zone is cooler than the Torrid Zone.
- 2.Rainforests thrive in the Torrid Zone.
- 3.Vegetation is scanty in the Fridge Zone.
- 4.Ice does not melt in the Fridge Zone even though there is continuous daylight for six months at the poles.
- 5.Polar bears are facing the threat of extinction.

Children please learn all the chapter's keywords thoroughly.