



**CLASS: V**

**Subject: Social Studies**

**Date: 25/06/2020**

**Topic: The Major Temperature Zones of the Earth**

**Time Limit: 30 Mins**

*Worksheet No. :16*

*[Please read the chapter from your text book and the attached notes. Then work out the exercises neatly in your note books henceforth. For Social Studies, you will use inter-leaf copy. Write the contents in the first page of your note book according to the format given. Write the Date and Worksheet number at the top of the page where you start your work. Ensure neat and tidy work. ]*



## UNEQUAL HEATING OF THE EARTH'S SURFACE

Different parts of the Earth's receive different amounts of sunlight or heat energy. This is because of two reasons: the tilt of the Earth's axis and the curved surface of the Earth. If the Earth were flat, and the axis straight, all places on Earth would have got the same amount of sunlight.

But, as a result of the curved surface, places that lie along the Equator get the most amount of heat, and are therefore the hottest. The further you travel from the Equator, towards the poles, the less is the heat received, and therefore, the colder it gets.

## THE TEMPERATURE ZONES OF THE EARTH

Based on the amount of heat received from the Sun, the Earth has three temperature zones—the **Torrid Zone**. The **Temperate Zone** and the **Frigid Zone**.

### **Torrid Zone:**

Location: Between the Tropic of Cancer (23.5°N) and the Tropic of Capricorn. The Torrid Zone is also called the **Tropical Zone**. This is the hottest temperature zone of the Earth due to the tilted nature of the Earth's axis. India largely lies in this zone.

**Climate** :Along the equator—It is hot and wet throughout the year.

Closer to the tropics –summers are long and winters are short. Rainfall usually occurs only for a few months of the year.

### **Natural Vegetation and Wildlife:**

In parts of South Asia which get rain mainly during the monsoon months, **monsoon forests** are found. **Thorn forests** are also found in parts of South Asia and South America. The Torrid Zone is home to a rich variety of animals and birds and many kinds of insects.

## ASSIGNMENT

### **Name the following:**

1.The region between the Tropic of Cancer and the Tropic of Capricorn; this is the hottest region on the Earth.

2. Forests that receive plenty of rainfall, with trees remaining green through the year.

3. Forests in which the trees shed their leaves for some time once a year.

**Write True /False and rewrite the false ones:**

1. All parts of the Earth receive the same amount of heat from the Sun.

2. The Earth has only two temperature zones—the Torrid Zone and the Frigid Zone.

**Answer the following:**

1. Why do different parts of the Earth's surface receive different amounts of heat from the sun?

2. Which temperature zone is the hottest zone on the Earth and why?

3. Write the location of the three heat zones of the Earth.

**Draw the temperature zones of the Earth with proper labelling.**

**Remember to fill up the Contents page of your notebook every day.**