



CLASS: V

Subject: Social Studies

Date: 30/04/2020

Topic: Locating Places On The Earth

Time Limit: 30 Mins

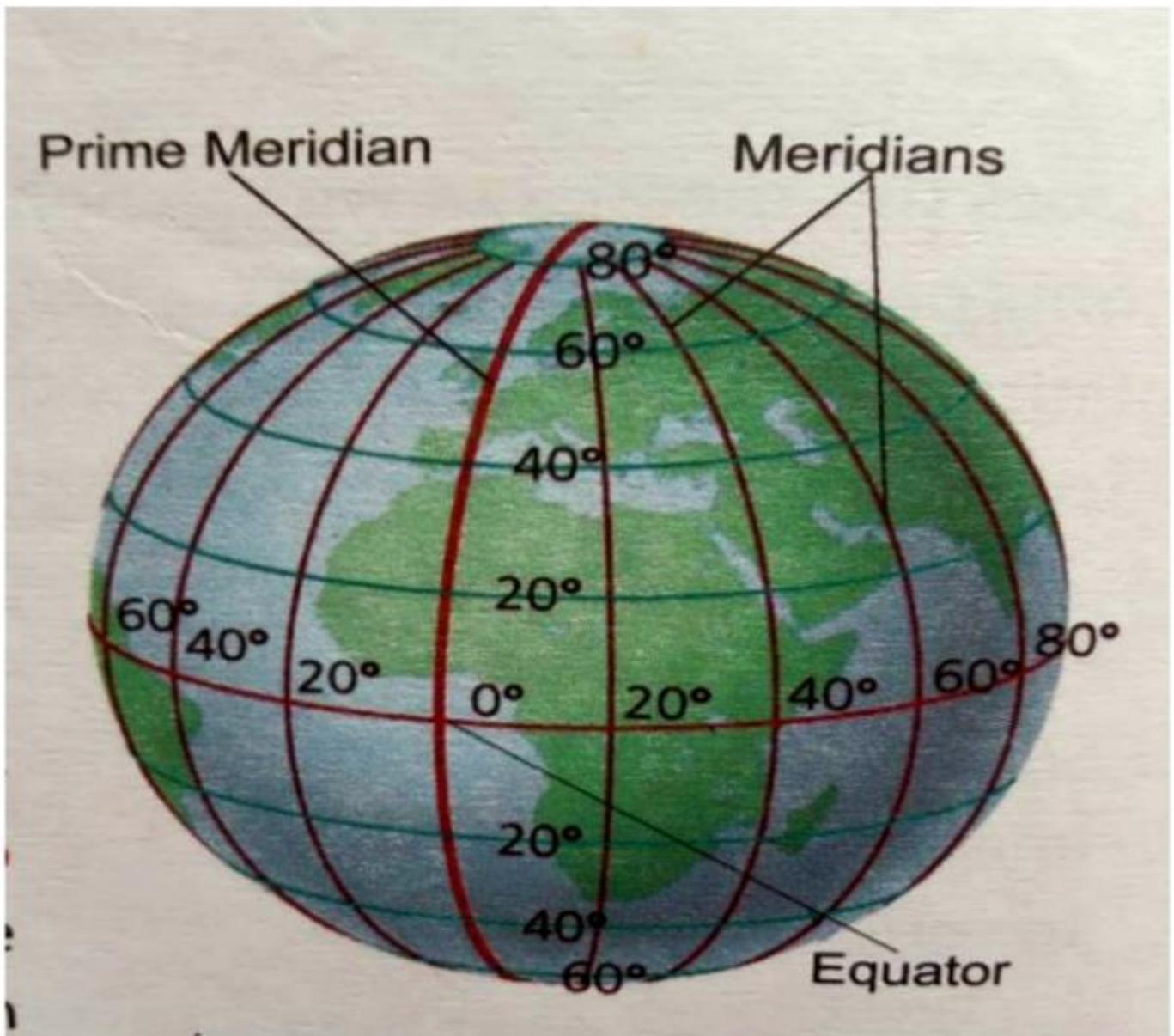
Worksheet No. : 3

[Copy the questions following the notes and solve them on a sheet of paper date wise. Keep the worksheets ready in a file to be submitted on the opening day.]

LONGITUDES:-

We take the help of another set of imaginary lines called **Longitudes**. Longitudes are imaginary lines that run from North to South on a globe.

Longitudes are also known as the **meridians of longitudes**. The term meridian means Mid-day. Hence, all places on the same meridian or the longitude will have Mid-day at the same time. These meridians are also measured in degrees just like the latitudes. The difference is that, unlike latitudes, longitudes are equal in length, running vertically around the globe and are not parallel.



LONGITUDES AND THE PRIME MERIDIAN

The **Prime Meridian**, which passes through the Greenwich, in England, was assigned the value of **Zero degree**. It is the most important longitude. The Prime Meridian divides the earth into Eastern and Western Hemisphere. We count the longitudes eastward and westward

of the Prime Meridian. If a longitude is to the east of the Prime Meridian, we put **E** after the value of the longitude in degrees (20°E); if it is to the West, we put **W** (20°W). There are 180 longitudes West of the Prime Meridian. **82.5°E** is the **Standard Meridian of India**.

Difference between the latitudes and longitudes:

Latitudes:-

1. Latitudes are horizontal lines which run from the East to West direction.
2. Latitudes are not equal in length, its length decreases towards the North Pole to South Pole from the equator.

Longitudes:-

1. Longitudes are vertical lines that run from North to South on a globe.
2. Longitudes are equal in length as it runs from North Pole to South Pole.

ASSIGNMENT

Answer the following questions:--

1. What is a longitude?
2. What is the Prime Meridian?
3. Differentiate between latitudes and longitudes.

Fill in the blanks:-

1. _____ are also known as the meridians of longitudes.
2. _____ means Mid-day.
3. _____ is the Standard Meridian of India.
4. The _____ divides the earth into eastern and western hemisphere.

Draw the diagram of longitudes and the Prime Meridian and label it.