

Practice Worksheet I

Class: VI

Topic: Geography Ch-2 Globe- Latitudes and Longitudes

Ch-3 Motions of the Earth

Subject: Social Science

Ch-4 Maps

SOCIAL SCIENCE WORKSHEET- Students will find the worksheet based on PT-2 portion in the Annexure below. You may take the printout and solve.

I.Choose the correct options:

1. The total number of meridian of longitudes are –

- a) 360
- b) 359
- c) 361
- d) 181

2.We see a needle fixed with the model globes with tilt which is an imaginary line which represents the Earth's tilt.

What is this imaginary line known as?

- A. prime meridian
- B. equator
- C. astronomy needle
- D. axis

3.The direction of rotation of earth is:

- a) From east to west
- b) From west to east

- c) Sometimes from east, sometimes from west
- d) From north to south

4. Choose the correct statements

(A) Longitudes are semicircles.

(B) Longitudes coincide at the poles.

- a) Only (A) is correct.
- b) Only (B) is correct.
- c) Both (A) and (B) are correct.
- d) Both (A) and (B) are correct

5. Which statement is true about the temperate zones?

(A) They lie between Tropic of Cancer and Arctic Circle in Northern Hemisphere and Tropic of Capricorn and Antarctic Circle in Southern Hemisphere.

(B) They have extreme cold climate.

- a) Only (A) is correct.
- b) Both (A) and (B) are incorrect.
- c) Only (B) is correct.
- d) Both (A) and (B) are correct.

6. Northern half of the earth is known as the _____ and the southern half is known as the _____.

- a) Northern Hemisphere and Southern Hemisphere
- b) Eastern Hemisphere and Southern Hemisphere
- c) Northern Hemisphere and Western hemisphere
- d) Southern Hemisphere and Northern hemisphere

7. Antarctica, Australia and most of South America lie in which hemisphere?

- a) Northern
- b) Southern
- c) Western
- d) Eastern

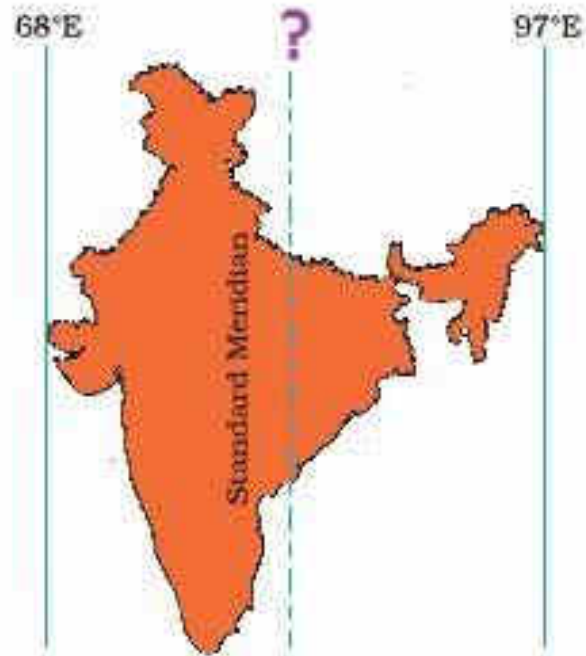
II. Name the following:

- i. The meridian that divides the globe into two hemisphere Eastern hemisphere and western hemisphere.
_____.
- ii. An imaginary line running on the globe divides it into two equal parts _____
- iii. This area receives the maximum heat _____.
- iv. A true model (miniature form) of the earth. _____.

III. Fill in the blanks

- i. The time difference between India and Greenwich is _____.
- ii. The difference between the local time of Dwarka in Gujarat and Dibrugarh in Assam is _____
- iii. Tonga Islands are situated in _____ ocean.
- iv. The earth takes _____ minutes rotating from one degree longitude to next longitude.
- v. The earth has been divided into _____ time zones of one hour each.

IV. Study the picture and answer the following questions:



- i. Name the Standard Meridian of India.
- ii. What is the longitudinal extent of it?

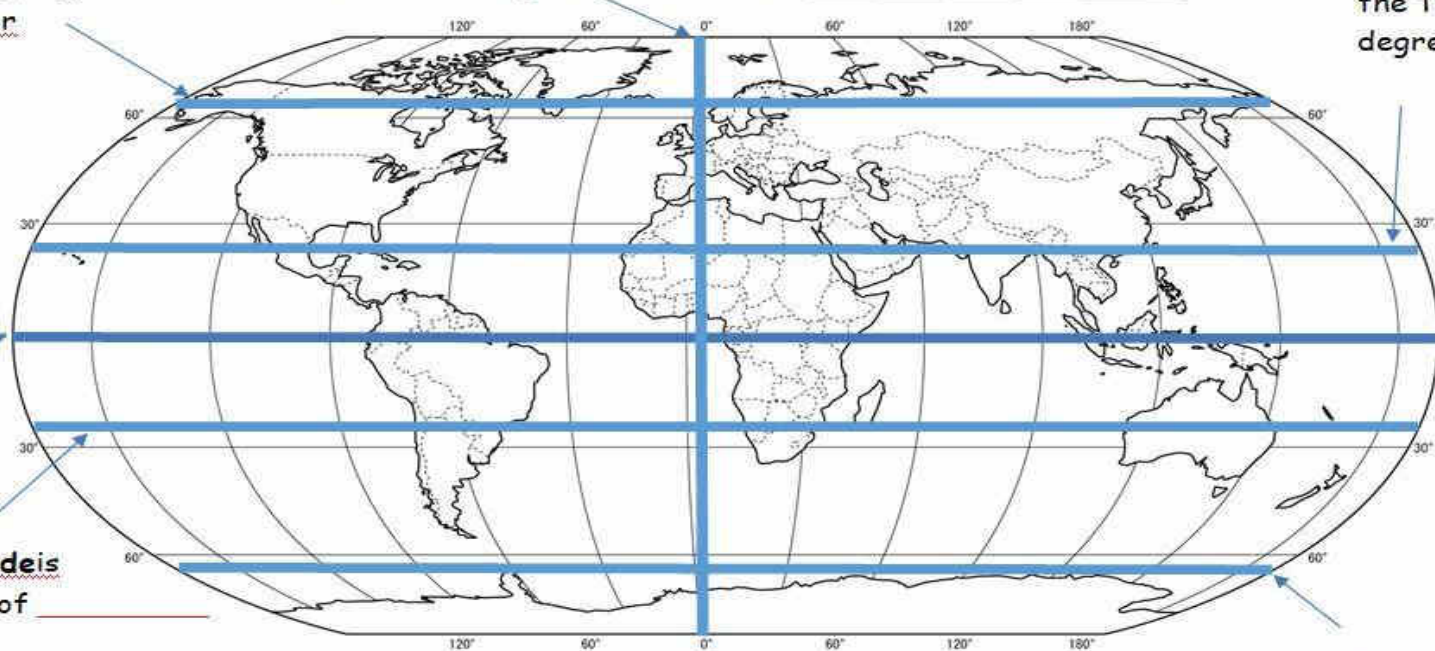
IV. Label the lines of Latitude and Longitude across the Globe.

Mapping lines of latitude and longitude

This line of **latitude** is called the _____. It is $66\frac{1}{2}$ degrees _____ of the Equator.

This line of **longitude** is called the _____.

This line of **latitude** is called the Tropic of _____. It is $23\frac{1}{2}$ degrees _____ of the Equator.



This line of **latitude** is called the _____.

This line of **latitude** is called the Tropic of _____.

It is _____ degrees _____ of the Equator.

This line of **latitude** is called the _____. It is _____ degrees _____ of the Equator.

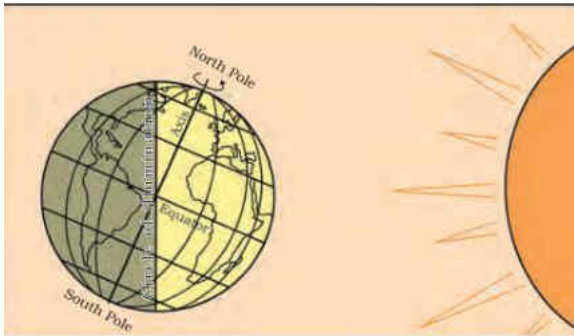
GEOGRAPHY CH-3 MOTIONS OF THE EARTH

Choose the correct options from the following:

1. The period of one rotation of the Earth is known as

- A The Sun day
- B The Moon day
- C The Earth day
- D The Mars day

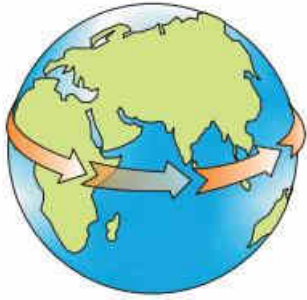
2.



The above picture represents the circle of illumination which depicts _____ on Earth.

- A Day and Night
- B Equator
- C Axis
- D Equinox

3.



The above picture represents the rotation of the earth from

- A East to West
- B West to East
- C North to South
- D South to North

4. The axis of the Earth is a/an

- A Straight line
- B Curved line
- C Real one
- D Imaginary line

5. What would have happened if the Earth did not rotate?

- A Cold conditions on the earth's half portion
- B Warm conditions on earth's another half portion
- C No life possible in such extreme conditions
- D All of the above

6. In which season Christmas is celebrated in Australia?

- A Winter
- B Summer
- C Autumn
- D spring

Fill in the blanks

1. The change of the seasons on the Earth is associated with its movement called_____.
2. A leap year has_____ days.
3. When it is summer in the Southern Hemisphere, it is_____in the Northern hemisphere.
4. The earth takes about _____ to complete one rotation around its axis.

Match the Columns:

Column I	Column II
i. Aryabhata	a. Direct sun rays falls on the Tropic of Capricorn
ii. Elliptical orbit	b. 23 and ½ degree
iii. Winter solstice	c. The earth is round and rotates on its own axis
iv. Inclination of Earth in its axis	d. Earth's path around the Sun

Correct the underlined words and rewrite the statements

1. The Earth has three types of motions.
2. The plane formed by the orbit is known as the Cardinal plane.
3. The Earth is always declined in the same direction.
4. On 21st June, the rays of the sun fall directly on the Tropic of Capricorn.

Define the following terms:

1. Summer solstice
2. Equinox

CH-4 MAPS

I. Multiple Choice Question (Tick the correct answer)

1. Map showing the physical features of Earth is called
 - a) Thematic Map
 - b) Political Map
 - c) Atlas
 - d) Physical Map
2. The ratio between the actual distance on the ground and the distance shown on the map is called
 - a) Cardinal points
 - b) Symbols
 - c) Scale
 - d) Sketch
3. The colour green is used for showing which of the following on a Map?
 - a) Water bodies
 - b) Mountains
 - c) Desert
 - d) Plains

4. Suppose you want to represent plan of a colony and the landmarks on a Map using irregular drawing without any scale. Identify the feature of the Map.
 - a) Scale
 - b) Plan
 - c) Sketch
 - d) Symbols
5. Identify the Map that focuses on a particular information such as transport routes or distribution of agricultural crops.
 - a) Physical Map
 - b) Political Map
 - c) Thematic Map
 - d) None of these
6. Which among these are components of Map?
 - a) Scale
 - b) Title
 - c) Symbols
 - d) All of these

II.Fill in the Blanks:

1. East, West, North, South are known as _____ directions.
2. A collection of Maps bound in the form of a book is known as _____ .
3. _____ is drawing of a small area on a large scale with lot of information.
4. The internationally accepted common symbols/signs are called _____ .

A compass is used to show _____ on a Map.

III. In the following situations, what would you use, a globe or a Map?

- A) To find out the exact shape of all the continents
- B) To locate the capitals of all the states on India
- C) To understand the formation of Day and Night
- D) To find your way in a new city

IV. Observe the given figure and answer the following questions.

- A) In which direction of the Vasantpur area is railway station located?
- B) How many water bodies can be seen of the figure given?
- C) What type of railway line passes through the area?
- D) How many post office can be seen in the area?
- E) Name the type of vegetation found in the area?

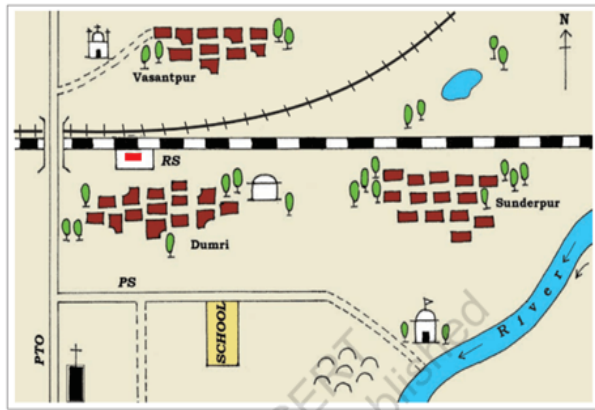


Figure 4.4 : Sanderpur village and its surrounding areas