

St. Andrews Scots Sr. Sec. School

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Session: 2024-2025

Class : VI

Subject : Social Science

Topic : Geography

Chapter 2

GLOBE- LATITUDES AND LONGITUDES

1. Multiple Choice Type Questions(Needs to be done in book)

- a) The line which divides the globe into two equal halves is called the _____.
- i) Prime Meridian ii) Longitude iii) Axis **iv) Equator**
- b) The size of the parallels of latitudes decreases as we go _____.
- i) **Towards the poles** ii) away from the poles iii) towards east iv) towards west
- c) The belt on the Earth that lies between the Equator and the Tropics is called _____.
- i) Temperate Zone **ii) Torrid Zone** iii) Frigid Zone iv) Standard Zone
- d) How much time does the Earth take to complete one rotation?
- i) **24 hours** ii) Temperate iii) Frigid iv) Tropical
- e) _____ Zone lies between $23\frac{1}{2}$ and $66\frac{1}{2}$ in both hemispheres.
- i) Torrid **ii) Temperate** iii) Frigid iv) Tropical

2. Fill in the blanks (Needs to be done in book)

- a) The Arctic Circle lies in **northern** hemisphere.
- b) The **torrid** Zone receives direct rays of the Sun throughout the year.
- c) All **longitudes** are of equal length.
- d) The latitudes divide the Earth into **three** heat zones.
- e) The time on the **Standard** Meridian is the time adopted by the entire country.

3 . State whether the following statements are True or False. (Needs to be done in book)

- a) The globe is a model of a satellite. **FALSE**
- b) The Prime Meridian is numbered as 23 ½ south. **FALSE**
- c) Latitudes are 180 parallels of varying length. **FALSE**
- d) When it is 12 midnight in the UK, it is 5:30 a.m. in India **TRUE**
- e) The Antarctic Circles lies in the Northern hemisphere. **FALSE**

4. Match the following

COLUMN A

- (a) Artic Circle
(b) grid
(c) Prime Meridian
(d) Sun
(e) Central Meridian

COLUMN B

- i) Criss- cross
ii) London
iii) Northern Hemisphere
iv) Standard Meridian
v) Time keeper

Ans- a-iii , b- i, c- ii , d- v, e-iv

5. Very Short Answer Type Questions

- (a) Name the two ends of the axis.**

Ans- Two ends of the axis are North pole and South pole

- (b) Mention any one importance of globe.**

Ans- It gives us a true picture of the shape of the Earth.

- (c) What is the number of longitudes on the Earth?**

Ans- The total number of longitudes are 360.

- (d) Define International Date Line.**

Ans- International Date Line is an imaginary line extending between the North and South pole separating two calendar dates.

(e) What is the local time?

Ans- The time of a place as decided by the location of sun in the sky.

(f) Define Indian Standard time.

Ans- Indian Standard Time is the time on the central meridian in India, which is followed by the entire country.

6. Short Answer Type Questions

(a) What are latitudes? How are they helpful to us?

Ans- 1) A latitude is the angular distance of a place north or south of the Equator, as measured from the centre of the Earth.

2) They are helpful in finding location of a place and time using a single standard.

(b) What is Prime Meridian?

Ans- Prime Meridian is an imaginary line indicates 0 degree longitude that passes through Greenwich.

(c) OMITTED

(d) How can one find the location of any place on a globe with the help of longitudes and latitudes?

Ans- The location of any place on a globe with the help of latitudes and longitudes can be found, where these lines meet on the map that part is exact location of the place you are looking for.

(e) Explain briefly the main features of the Temperate Zone.

Ans- In temperate zone the sun's rays are always slanting and it is neither too hot nor too cold.

7. Long Answer Type Questions.

(a) Name and explain in brief the three Heat Zones of the Earth.

Ans- Following are the three Heat Zones of the Earth-

1) Torrid Zone

a) It lies between two tropics

b) Receives direct rays of sun. It's temperature is very high.

2) Temperate Zone

a) It lies between tropics and circles in both hemisphere.

b) Moderate temperature.

3) Frigid Zone

a) It lies between circles and poles

b) Temperature is very cold.

(b) OMITTED

(c) OMITTED

(d) OMITTED

(e) Why is the Temperate zone called so? What makes it different from the Torrid Zone? Think and answer.

Ans- Temperate zone called so because the temperature is moderate here as sun rays are always slanting. It is different from the Torrid Zone as-

Torrid Zone

a) It lies between two tropics

b) Receives direct rays of sun. It's temperature is very high.

Temperate Zone

a) It lies between tropics and circles in both hemisphere.

b) Moderate temperature.

8. Assertion and Reason Based Questions.

Assertion (A): Parallels of latitudes are drawn in east-west direction and measured in degrees.

Reason (R) : Equator is a latitude.

(a) Both A and R are true and R is the correct explanation of A.

(b) **Both A and R are true but R is not the correct explanation of A.**

(c) A is true but R is false

(d) A is false but R is true

