

Globe: Latitudes and Longitudes

Fill in the blanks: -

1. The equator represents the _____ degree latitude.
2. The needle which is fixed through the globe in a tilted manner is called _____.
3. _____ is an imaginary line on the globe which divides it into two equal parts.
4. All parallel circles from the equator to the poles are called _____.
5. Tropic of Cancer is at _____ degrees and is in the _____ Hemisphere.
6. Full form of IST is _____.
7. Tropic of Capricorn is at _____ degrees and is in the _____ Hemisphere.
8. Arctic circle is at _____ degrees to the _____ of equator.
9. Antarctic circle is at _____ degrees to the _____ of equator.
10. Full form of GMT is _____.
11. Torrid Zone lies between _____ and _____.
12. The Prime Meridian is at _____ degree longitude.
13. When the sun is at the highest point in the sky, the time is _____.
14. In India, the longitude of _____ is treated as the standard meridian.
15. India is _____ hours _____ minutes ahead of GMT.
16. Earth is divided into _____ time zone of _____ hour each and each time zone covers _____ degrees of longitude.
17. The distance between the longitudes decreases towards _____.
18. Russia has _____ standard times.

Define the following: -

Axis- _____

Equator- _____

Parallels of latitude- _____

Latitudes- _____

Longitudes- _____

Write true/ false and correct the incorrect statement: -

All meridians are of unequal length.

Each country has one time zone.

The Prime Meridian divides the earth into Northern Hemisphere and the Southern Hemisphere.

The shadow of the sun is longest at sunrise and sunset.

The earth rotates from west to east.

The earth rotates 180 degrees in 24 hours.

Write short answers: -

What is a globe?

How can we know the latitude of a place?

Name the 4 important parallels of latitude, their location and their degrees.

Name the 4 heat zones of the earth.

What is the best means of measuring time?

What is Torrid zone?

Describe the Temperate zone.

Write a short note on Frigid Zone.

Describe what are meridians of longitude.

Why was it difficult to number the meridians? What solution did the countries arrive at?

What is 'degrees of longitude'?

Which meridians divide the earth into two equal halves?

If you are in Assam and your friend is in Gujarat. Who will see the sunrise first and why?
