

*I- New Words*

- 1. dimensional*
- 2. perpendicular*
- 3. hemisphere*
- 4. parallels*
- 5. Equator*
- 6. meridian*
- 7. originate*
- 8. apparent*
- 9. unique*
- 10. imaginary*

*II- Define the following terms*

- 1. hemisphere - one half of a sphere.*
- 2. grid - a network of lines of latitudes and longitudes .*
- 3. axis - an imaginary line passing through two extreme points on a sphere on which it spins*
- 4. poles - either of the end points at the top or bottom of the Earth's axis .*

*III- Fill in the blanks*

- 1. The Equator is the longest parallel .*
- 2. The end points of the axis are called poles.*
- 3. The Equator is the starting point for measuring the latitudes.*
- 4. The meridian that passes through Greenwich is the Prime Meridian.*

5. The lines of longitudes are drawn from north to south.

IV- Answer these questions

**Q 1 -Differentiate between the Northern Hemisphere and the Southern hemisphere .**

**Ans - The Equator divides the Earth into two equal halves. The northern half is called the Northern Hemisphere and the Southern half is called the Southern Hemisphere .**

**Q2- What are lines of latitude ? Write their two features**

**Ans - A set of circles is drawn on the surface of the globe. These circles run from east to west .**

**.They are called parallels or lines of latitude .The two features of lines of latitude are -**

- 1. All lines of latitude are at an equal distance from each other .**
- 2. Lines of latitude neither touch or cross each other .**

**Q3- Define polar circles .**

**Ans- The Arctic Circle and the Antarctic Circle are known as polar circles.**

**Q 4- What are lines of longitude ? Write their two features .**

**Ans- The imaginary lines which run from the North Pole to the South Pole are called longitudes .The two features of lines of longitude are -**

- 1. All lines of longitude are of the same length .**

*2. The maximum distance between any two lines of longitude is at the Equator.*

*Q 5- What do you understand by global address ?*

*Ans- The point at which the parallel and meridian cross each other is the location of that place . This is called the global address .*

*Think and answer*

*Q- Why does the length of a parallel increases as we move away from the poles towards the equator ?*

*Ans- The Earth is spherical . So, the length of the parallel increases as we move away from the poles towards the equator .*

*Activity*

*Draw a neat and labelled diagram of the important latitudes and longitudes*