



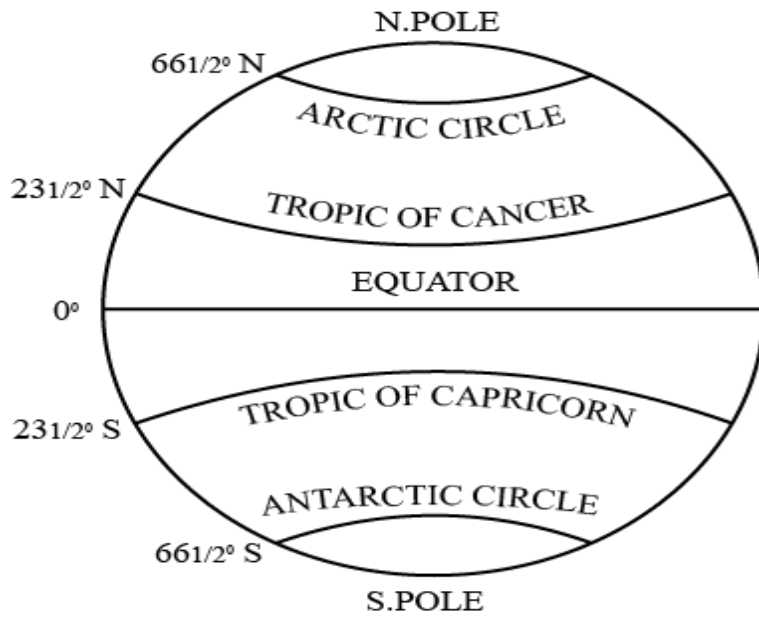
## INDIAN SCHOOL AL WADI AL KABIR

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| <b>Class: VI</b>       | <b>Department: Social Science</b>                                                                                                                                                                                                                                                                                                                                 | <b>Sub: Geography</b>             |
| <b>Worksheet No: 4</b> | <b>Topic: Globe: Latitudes and Longitudes</b>                                                                                                                                                                                                                                                                                                                     | <b>Year: 2023-24</b>              |
| <b>I</b>               | <b>Multiple Choice Questions: -</b>                                                                                                                                                                                                                                                                                                                               |                                   |
| 1                      | The Greenwich line passes through _____.<br>a. France <b>b. England</b> c. Russia    d. India                                                                                                                                                                                                                                                                     |                                   |
| 2                      | Which imaginary line divides the Earth into two equal halves-Northern Hemisphere and Southern Hemisphere?<br>a. Tropic of Cancer    b. Tropic of Capricorn <b>c. Equator</b> d. Orbit                                                                                                                                                                             |                                   |
| 3                      | Which of the following is called Prime Meridian?<br>a. $0^\circ$ b. $23\frac{1}{2}^\circ\text{S}$ c. $23\frac{1}{2}^\circ\text{N}$ d. $90^\circ$                                                                                                                                                                                                                  |                                   |
| 4                      | What divides Earth into Eastern and Western Hemispheres?<br>a. Equator <b>b. Prime Meridian</b> c. Orbit    d. Axis                                                                                                                                                                                                                                               |                                   |
| 5                      | The total number of meridians across the globe is _____.<br>a.180    b. 90 <b>c. 360</b> d.200                                                                                                                                                                                                                                                                    |                                   |
| 6                      | The value of South Pole is _____.<br><b>a. <math>90^\circ\text{S}</math></b> b. $0^\circ$ c. $90^\circ\text{N}$ d. $23^\circ\text{S}$                                                                                                                                                                                                                             |                                   |
| <b>II</b>              | <b>Match the following: -</b>                                                                                                                                                                                                                                                                                                                                     |                                   |
| 7                      | Globe                                                                                                                                                                                                                                                                                                                                                             | (a) Northern Hemisphere           |
| 8                      | Tropic of Cancer                                                                                                                                                                                                                                                                                                                                                  | (b) True model of the Earth       |
| 9                      | Antarctic Circle                                                                                                                                                                                                                                                                                                                                                  | (c) $66\frac{1}{2}^\circ\text{S}$ |
|                        |                                                                                                                                                                                                                                                                                                                                                                   | (d) Southern Hemisphere           |
|                        | <b>Answers: 7-b    8-a    9-d</b>                                                                                                                                                                                                                                                                                                                                 |                                   |
| <b>III</b>             | <b>Answer the following in one sentence: -</b>                                                                                                                                                                                                                                                                                                                    |                                   |
| 10                     | Define a 'latitude'.<br><b>Angular distance from the equator on both sides (North and South) is called latitude.</b>                                                                                                                                                                                                                                              |                                   |
| 11                     | What is Greenwich Meridian?<br><b>The longitude that is drawn across Greenwich has been taken as <math>0^\circ</math> longitude. This longitude is known as Greenwich Meridian or Prime Meridian.</b>                                                                                                                                                             |                                   |
| 12                     | Name the important lines of latitude.<br><b>The important lines of latitude are as follows: -</b><br>a) Arctic Circle ( $66\frac{1}{2}^\circ\text{N}$ )    b) Tropic of Cancer ( $23\frac{1}{2}^\circ\text{N}$ )    c) Equator ( $0^\circ$ )<br>d) Tropic of Capricorn ( $23\frac{1}{2}^\circ\text{S}$ )    e) Antarctic Circle ( $66\frac{1}{2}^\circ\text{S}$ ) |                                   |
| 13                     | What type of climate is found in the Temperate zone?<br><b>Moderate climate.</b>                                                                                                                                                                                                                                                                                  |                                   |
| 14                     | Name the area between the Tropic of Cancer and Tropic of Capricorn.<br><b>Torrid Zone</b>                                                                                                                                                                                                                                                                         |                                   |
| <b>IV</b>              | <b>Answer in brief: -</b>                                                                                                                                                                                                                                                                                                                                         |                                   |
| 15                     | What are the uses of Latitudes and Longitudes? <ul style="list-style-type: none"><li>• <b>The major use of latitude and longitude is that they are useful to locate a place on the earth.</b></li><li>• <b>The latitudes are also useful to know the approximate climatic conditions of the place.</b></li></ul>                                                  |                                   |

|                                                                                                            | <ul style="list-style-type: none"> <li>• The longitudes are useful to find out the time in a particular place on the Earth.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |          |                                                                                                            |                                                                                                          |                                                                                          |                                                                                      |                                                                               |                                                                              |
|------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------|------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|------------------------------------------------------------------------------|
| 16                                                                                                         | <p>Name the longest latitude. State any two characteristics of Parallels of latitude.</p> <p><b>The equator is the longest latitude.</b></p> <p><b>Two characteristics of Parallels of latitudes</b></p> <ul style="list-style-type: none"> <li>➤ Latitudes run in an east-west direction.</li> <li>➤ Latitudes run parallel to one another.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |          |                                                                                                            |                                                                                                          |                                                                                          |                                                                                      |                                                                               |                                                                              |
| 17                                                                                                         | <p>Differentiate between longitude and latitude.</p> <table border="1"> <thead> <tr> <th>Longitude</th> <th>Latitude</th> </tr> </thead> <tbody> <tr> <td> <ul style="list-style-type: none"> <li>• Imaginary lines drawn in the north to south direction.</li> </ul> </td> <td> <ul style="list-style-type: none"> <li>• Imaginary lines drawn in the east to west direction.</li> </ul> </td> </tr> <tr> <td> <ul style="list-style-type: none"> <li>• They are not parallel to each other.</li> </ul> </td> <td> <ul style="list-style-type: none"> <li>• They are parallel to each other.</li> </ul> </td> </tr> <tr> <td> <ul style="list-style-type: none"> <li>• There are 360 longitudes.</li> </ul> </td> <td> <ul style="list-style-type: none"> <li>• There are 180 latitudes.</li> </ul> </td> </tr> </tbody> </table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Longitude | Latitude | <ul style="list-style-type: none"> <li>• Imaginary lines drawn in the north to south direction.</li> </ul> | <ul style="list-style-type: none"> <li>• Imaginary lines drawn in the east to west direction.</li> </ul> | <ul style="list-style-type: none"> <li>• They are not parallel to each other.</li> </ul> | <ul style="list-style-type: none"> <li>• They are parallel to each other.</li> </ul> | <ul style="list-style-type: none"> <li>• There are 360 longitudes.</li> </ul> | <ul style="list-style-type: none"> <li>• There are 180 latitudes.</li> </ul> |
| Longitude                                                                                                  | Latitude                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |          |                                                                                                            |                                                                                                          |                                                                                          |                                                                                      |                                                                               |                                                                              |
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| 18                                                                                                         | <p>What are the uses of Globe?</p> <ul style="list-style-type: none"> <li>• On globes, countries, continents and oceans are shown in their correct shape.</li> <li>• Distance and directions are also shown correctly on the globe.</li> <li>• The extent of relief features is correct.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |          |                                                                                                            |                                                                                                          |                                                                                          |                                                                                      |                                                                               |                                                                              |
| 19                                                                                                         | <p>Describe the heat zones of the Earth.</p> <p><b><u>Torrid Zone</u></b></p> <ul style="list-style-type: none"> <li>• Torrid means hot.</li> <li>• This zone receives the maximum amount of heat throughout the year, because the rays of the Sun fall vertically on this zone.</li> <li>• This zone is located between the Tropic of Cancer (<math>23\frac{1}{2}^{\circ}</math> N) and the Tropic of Capricorn (<math>23\frac{1}{2}^{\circ}</math> S)</li> </ul> <p><b><u>Temperate Zone</u></b></p> <ul style="list-style-type: none"> <li>• The temperate zones lie in both the hemispheres.</li> <li>• North temperate zone lies in northern hemisphere between Tropic of Cancer and Arctic Circle.</li> <li>• South temperate zone lies in the southern hemisphere between the Tropic of Capricorn and Antarctic Circle.</li> <li>• These zones are neither too hot nor too cold.</li> </ul> <p><b><u>Frigid Zone</u></b></p> <ul style="list-style-type: none"> <li>• Frigid means cold.</li> <li>• The North Frigid Zone lies between the Arctic Circle (<math>66\frac{1}{2}^{\circ}</math> N) and the North Pole in the Northern hemisphere.</li> <li>• The South Frigid Zone lies between Antarctic Circle (<math>66\frac{1}{2}^{\circ}</math>S) and the South Pole in the Southern hemisphere.</li> </ul> |           |          |                                                                                                            |                                                                                                          |                                                                                          |                                                                                      |                                                                               |                                                                              |

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Draw a globe with the important lines of latitudes with their angles.



Major parallels of latitudes.