



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION
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KOLKATA – 700 019
Class: IV



Social Study

Answer Worksheet – 9

Date: 29.04.2020

Topic: Rotation

A. Write True or False

1. The Earth has two main types of motion - rotation and revolution. - **True**
2. The earth spins around an imaginary line which is called its axis. - **True**
3. The two end points of the axis are called the North Pole and the West Pole. - **False**
4. The earth completes one rotation in 23 hours. - **False**
5. The spinning of the Earth also affects its shape. - **True**

B. Fill in the blanks

1. The imaginary line that separates the **lighted** portion of the Earth from the portion which is in **darkness** is known as the Circle of Illumination.
2. The time just before sunrise, when there is a faint light in the sky is called **dawn**.
3. The time just after sunset is called **dusk**
4. The soft light in the sky at dawn and dusk is called **twilight**
5. The rotation of the Earth causes **day** and **night**

C Match the Column

- | | | |
|------------------------|----|---|
| 1. North Pole | 7 | 90 ° S |
| 2. Arctic Circle | 6 | 66½ ° S |
| 3. Tropic of Cancer | 5 | 23½ ° S |
| 4. Equator | 1 | 90 ° N |
| 5. Tropic of Capricorn | 2 | 66½ ° N |
| 6. Antarctic Circle | 3 | 23½ ° N |
| 7. South Pole | 4 | 0 ° |
| 8. Geoid | 10 | rotates from West to East |
| 9. Japan | 8 | flat at the top and bottom, bulging around the middle |
| 10. The Earth | 9 | Land of the Rising Sun |

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