

**SOCIAL STUDIES**

**GEOGRAPHY**

**Worksheet -3**

**3. Motions of the Earth**

**GRADE: VI DATE: 21.8.20**

NAME:

I. Choose the correct Answer

1. The speed of the earth's rotation at the equator is about

a. 1,675 m per second b. 1,675 km per hour c. 1,675 miles per hour

2. In which of the following years, February has 29 days?

a. 2000 b. 2010 c. 2014

3. The longest day in the Southern Hemisphere is on

a. 22 September b. 21 June c. 22 December

II. Match the following

|  |  |  |
| --- | --- | --- |
| S.No |  **Column A** | **Column B** |
| 1. | Summer solstice in the Northern Hemisphere | a. 23 September  |
| 2. | Winter solstice in the Northern Hemisphere | b. . 21 March  |
| 3. | Spring equinox in the Northern Hemisphere | c. 22 December  |
| 4. | Autumn equinox in the Northern Hemisphere | d.21 June |

**III. Answer the following**

**1.Why the revolution of the earth around the sun is also called the annual motion of the earth?**

**2. Why are the days and nights of equal duration throughout the world on equinoxes?**

**3. Why are the days and nights of equal duration throughout the world on equinoxes?**

**4. Why are the sun's rays never vertical on the Arctic Circle?**