



**CLASS: IV**

**Subject: Social Studies**

**Date: 13/06/2020**

**Topic: Answer Keys for Worksheets 10, 11, 12 & 13**

**Worksheet No: 10, Date: 08/06/2020**

**A. Fill in the blanks:**

1. 24
2. geoid
3. circle of illumination
4. twilight

**B. Answer the following:**

1. The spinning of the Earth on its axis once in 24 hours is called rotation.
2. The rotation of the Earth causes day and night. It also makes the Sun, Moon and other heavenly bodies appear to rise in the east and set in the west each day.
3. Japan is one of the first countries to spin into the Sun's light every morning; it is therefore called the "Land of the Rising Sun".

**Worksheet No: 11, Date: 10/06/2020**

**Fill in the blanks:**

1.Venus 2.autumn 3. orbit 4. Seasons.

**Choose the correct answer:**

1.dusk 2.365 days and 6 hours 3.366 days 4.autumn.

**Name the following:**

1.rotation 2. revolution 3. Leap year 4. orbit.

**Worksheet No: 12, Date: 11/06/2020**

**Name the following:**

1.Summer solstice 2.Winter solstice 3. Vernal/Spring equinox 4.Autumnal equinox.

**Fill in the blanks :**

1.Tropic of Capricorn 2. 21 June 3. 21 March, 23 September.

**Answer the following:**

1.The movement of the Earth around the Sun is called revolution.

2.On 22 December, the Sun is directly overhead at noon at the Tropic of Capricorn. This day is known as the Winter solstice. It is the longest day of the year in the Southern Hemisphere.

3. On 21 March and 23 September, the Earth's axis is tilted neither towards the Sun nor away from it. On these days, the Sun is directly over the Equator at noon, and the length of days and nights are equal all over the globe. These days are called the equinoxes. They are Spring/Vernal Equinox and Autumnal Equinox.

**Worksheet No: 13, Date: 12/06/2020**

**Name the following:**

1.Lithosphere 2. Mineral 3. fuel 4. Isthmus 5. Asia 6. The Nile 7. The Amazon 8. Australian.

**Fill in the blanks:**

1.Hydrosphere 2. Asia 3. Sahara, Africa 4. Isthmus of Panama 5. Mt. Elbrus.

**Answer the following:**

1. There are four domains of the Earth. They are:-

1.Lithosphere: The solid outer layer of the Earth is called the lithosphere. It is made up of rocks and soil.

2. Hydrosphere: Hydrosphere includes all the water in the world. The water found on the surface of planet, under the ground and in the air.

3. Atmosphere: The layer of air that surrounds the Earth is called the atmosphere. It consists of several gases such as nitrogen, oxygen and other gases like carbon dioxide and argon. Water vapour and dust particles are also present in it.

4. Biosphere: The biosphere is that part of the Earth where life exists. It is formed by the interaction of plants, animals and other living things with their non-living environment. ( Pic: in the worksheet).

2. Australia is surrounded by the sea on all sides thus it is known as the island continent.

