

Name: \_\_\_\_\_ Date: \_\_\_\_\_

## Motion of the Earth

Q1. State True (T) or false (F).

- i. Axis of the earth is an imaginary line about which the earth rotates.  
\_\_\_\_\_
- ii. Earth takes exactly 365 days to revolve around the sun. \_\_\_\_\_
- iii. Day and Night on the Earth occurs due to rotation of the Earth. \_\_\_\_\_
- iv. On 21st march, the Tropic of Capricorn receives direct rays of the sun as the South Pole tilts towards it. \_\_\_\_\_
- v. Every fourth year, February is of 29 days instead of 28 days. \_\_\_\_\_
- vi. When there is spring in the Northern Hemisphere and summer in the Southern Hemisphere. \_\_\_\_\_

Q2. Fill in the blanks.

- i. The earth receives light from \_\_\_\_\_.
- ii. The earth takes about \_\_\_\_\_ to complete one rotation around its axis.
- iii. The period of rotation is known as the \_\_\_\_\_.
- iv. On 23rd September, it is \_\_\_\_\_ season in the Northern Hemisphere and \_\_\_\_\_ season in the Southern Hemisphere.
- v. The portion facing the sun experiences \_\_\_\_\_ while the other half away from the sun experiences \_\_\_\_\_.
- vi. The axis of the earth makes an angle of \_\_\_\_\_ degree with its orbital plane.
- vii. Australia lies in \_\_\_\_\_ Hemisphere.
- viii. The longest day and the shortest night at these places occur on 21<sup>st</sup> \_\_\_\_\_.

Q3. When Christmas is celebrated in Australia?

Ans. \_\_\_\_\_

## Motion of the Earth

Q1. State True (T) or false (F).

- i. Axis of the earth is an imaginary line about which the earth rotates. **True**
- ii. Earth takes exactly 365 days to revolve around the sun. **False**
- iii. Day and Night on the Earth occurs due to rotation of the Earth. **True**
- iv. On 21st march, the Tropic of Capricorn receives direct rays of the sun as the South Pole tilts towards it. **False**
- v. Every fourth year, February is of 29 days instead of 28 days. **True**
- vi. When there is spring in the Northern Hemisphere and summer in the Southern Hemisphere. **False**

Q2. Fill in the blanks.

- i. The earth receives light from the sun.
- ii. The earth takes about 24 hours to complete one rotation around its axis.
- iii. The period of rotation is known as the earth day.
- iv. On 23rd September, it is autumn season in the Northern Hemisphere and spring season in the Southern Hemisphere.
- v. The portion facing the sun experiences day while the other half away from the sun experiences night.
- vi. The axis of the earth makes an angle of 66½ degree with its orbital plane.
- vii. Australia lies in Southern Hemisphere.
- viii. The longest day and the shortest night at these places occur on 21st June.

Q3. When Christmas is celebrated in Australia?

**Ans. Christmas is celebrated in Australia in the summer season.**