

STD: VI SUB: SOCIAL

Date:

3. 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 21st\_\_\_\_\_\_\_\_\_\_\_.

Q3. When Christmas is celebrated in Australia?

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