

- Q1 What is the angle of inclination of the earth's axis with its orbital plane?
- Q2 Define rotation and revolution?
- Q3 What is a leap year?
- Q4 Differentiate between the summer solstice and winter solstice?
- Q5 What is an equinox?
- Q6 Why does the Southern Hemisphere experience winter and summer solstice in different times than that of the Northern Hemisphere?
- Q7 Why do the poles experience about six months day and six months night?
- Q8 What are axis and orbit?
- Q9 How are days and nights formed?
- Q10 Fill in the blanks:-
- (a) A leap year has \_\_\_\_\_ number of days.
- (b) The daily motion of the earth is \_\_\_\_\_
- (c) The earth travels around the sun in \_\_\_\_\_
- (d) The sun's rays fall vertically on the Tropic of \_\_\_\_\_ on 21st June.
- (e) Days are shorter during \_\_\_\_\_
- Q11 Tick the correct answer
- a) The movement of the earth around the sun is known as  
(i) Rotation (ii) Revolution (iii) inclination.
- b) Direct rays of the sun fall on the equator on  
(i) 21 March (ii) 21 June (iii) 22 December