



# ST. LAWRENCE HIGH SCHOOL

JESUIT CHRISTIAN MINORITY INSTITUTION



## FIRST TERM WORKSHEET NO. - 4

Class: 9 A, B, C, D

Sub: GEOGRAPHY

Date- 25/01/2021

TOPIC: EARTH AS A PLANET

CHAPTER: 2

### I. CHOOSE THE CORRECT OPTION

(1x15=15)

- The earth's axis makes an angle of \_\_\_\_\_ with the vertical.  
a.  $22\frac{1}{2}^\circ$       b.  $23\frac{1}{2}^\circ$       c.  $24\frac{1}{2}^\circ$       d.  $66\frac{1}{2}^\circ$
- The earth's axis makes an angle of \_\_\_\_\_ with the plane of the earth's orbit.  
a.  $22\frac{1}{2}^\circ$       b.  $23\frac{1}{2}^\circ$       c.  $24\frac{1}{2}^\circ$       d.  $66\frac{1}{2}^\circ$
- The earth's axis always remains pointed towards the  
a. Pole star      b. Sun      c. Moon      d. Satellite
- The surface speed of rotation of the earth is highest at the  
a. North pole      b. South pole      c. Equator      d. None
- The surface speed of rotation of the earth becomes zero at the  
a. North pole      b. South pole      c. Equator      d. Both south and north poles
- The surface speed at the equator is  
a. 1670km/hr      b. 1630 km/hr      c. 1780km/hr      d. 1620 km/hr
- What are the effects of the speed of rotation?  
a. It affects the shape of the earth  
b. It affects the general circulation of the atmosphere  
c. Both  
d. None
- In which year did the famous French scientist, Jean Bernard Foucault gave an excellent proof of earth's rotation?  
a. 1860      b. 1890      c. 1850      d. 1851
- Which of the following is the effect of earth's rotation?  
a. Occurrence of sunrise, noon and sunset      c. Formation of tides  
b. Differentiation of temperature      d. All
- The imaginary line that separates the lit – up half from the darkened half is called  
a. Shadow circle      b. Circle of illumination      c. Both      d. None
- The tendency of deflection of wind due to the earth's rotation is known as  
a. Coriolis effect      b. Coriolis force      c. Both a & b      d. None
- How many times do each place on the surface of the earth is swept over by the shadow circle?  
a. Thrice      b. Twice      c. Once      d. None
- The sun rises in the east and sets in the west due to \_\_\_\_\_.  
a. Rotation of the earth      b. Rotation of the sun      c. Revolution of the earth      d. All
- The time at which the sun stands in vertical position above the horizon of a place on the earth is called  
a. Sunrise      b. Sunset      c. Noon      d. Evening
- The time at which the upper edge of the sun appears above the apparent horizon of a place on the earth's surface on a clear day is called  
a. Sunrise      b. Sunset      c. Noon      d. Evening

