



## INDIAN SCHOOL AL WADI AL KABIR

<b>Class: VI</b>	<b>Department: SOCIAL SCIENCE</b>	
<b>Worksheet No:8</b>	<b>Topic: Motions of the Earth</b>	<b>Year: 2021-22</b>
<b>I</b>	<b>Multiple Choice Questions:-</b>	
1	The places beyond the Arctic Circle experience continuous daylight for six months during- (a) Equinox (b) Winter Solstice (c) Summer Solstice (d) None of these.	
2	Equinox occurs in the months of - (a) June and December (b) March and September (c) March and December (d) None of these.	
3	Every year, the time span of six hours is added to make a day over a span of - (a) Two years (b) Four years (c) One year (d) Three years.	
4	The imaginary line that makes an angle of $66\frac{1}{2}^\circ$ with the orbital plane (a) Earth's axis (b) Longitude (c) Latitude (d) None of these.	
<b>II</b>	<b>Fill in the blanks:-</b>	
5	The Day and the night occur due to the ----- of the earth.	
6	The sun rays fall vertically on the Tropic of ----- on 22nd December.	
7	The Longest day and the shortest night occur on 21 <sup>st</sup> June in the-----	
8	Season changes due to the change in the position of the -----around the sun.	
<b>III</b>	<b>Write True or False: -</b>	
9	The Period of rotation is known as the earth day. True or False.	
10	The rays of the Sun fall directly on the Poles. True or False.	
11	An year with 366 days is called a leap year. True or False.	
<b>IV</b>	<b>Answer in brief: -</b>	
12	What is the Circle of Illumination?	
13	What are the two types of the Motions of the earth?	
<b>V</b>	<b>Answer in detail: -</b>	
14	What would happen if the earth did not rotate?	
15	How does leap year occur?	