

STD - IX

Important

Geography, 1e-3

①

E Answer the following questions briefly -

(1) Page No. 28, Topic - Phenomenon of Seasons.

(2) Two features of Earth's rotation are:

(i) It rotates on its axis from west to east.

(ii) It takes 24 hours to complete one rotation.

(3) Page No. 26

2019							JANUARY						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
		1	2	3	4	5	6	7	8	9	10	11	12
13	14	15	16	17	18	19	20	21	22	23	24	25	26
27	28	29	30	31									

(1) (2)

(4) Page No. 28, Topic - Equinoxes -

(5) If the Earth's axis becomes vertical then every place on Earth will have 12 hours of daylight and 12 hours of darkness, in one full day.

F True or False :-

(1) True (2) False (3) True (4) False (5) ~~False~~ True

G Write short notes :-

(1) Page No. 26, Topic - Inclination of Earth's Axis -

(2) Due to the revolution of the Earth round the Sun on an inclined axis, the duration of day and night varies according to seasons and the latitude of a place.

In the Northern Hemisphere during the summer solstice (21st June) the North Pole is inclined towards the Sun.

Therefore the duration of daytime increases from 12 hours at the Equator to 24 hours at the Arctic Circle and beyond and in the Southern Hemisphere, the duration of daylight decreases from 12 hours at the Equator to 0 hours beyond the Antarctic Circle.

During Winter Solstice (22nd December) the South Pole is inclined towards the Sun, so the duration of daylight is greater in the Southern Hemisphere than in the Northern Hemisphere.

Important

FEBRUARY							2019	
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24	25	26	27	28				

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Geography - U-3

January

17

Thursday

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(5) (3)

(3) Summer Solstice → Page No. ~~28~~ 29.

(4) According to the Kepler's Law of Planetary Motion, the Earth ~~never~~ moves fastest when it is in perihelion and slowest when it is in aphelion.

H Answer the following questions:-

(1) Page No. 24

(2) Page No. 26

(3) ~~Seasons are caused due to the~~
Page No. 28, Topic - Phenomenon of Seasons
and Figure - 3.9.

(4) The main observations during the rotation of the Earth are as follows:-

(a) The Sun, the Moon and other heavenly bodies appear to move from east to west.

(b) The alternate occurrence of day and night.

(c) The regular occurrence of tides twice in a day.

(d) The difference of time on the Earth's surface.

(5) Due to the inclination of the Earth's axis, the circle of illumination shifts its position as the Earth revolves around the Sun.

Important