STD - IX

Geography - Ie - 3

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FEBRUARY 2019

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January

Tuesday

03rd Wk/ 015-350

15

D Give reasons :-

1) In the summer season the Earth receives vertical or almost vertical rays of the Sun, so it receives more heat and light and that's why days are longer than nights during the summer season.

2) The distance between the Earth and the Sun is not the same throughout the year because the shape of the Earth's orbit is not circular but is elliptical.

3) The two movements of the earth that is rotation and revolution affect the heat received on the earth in the following way:

Rotation - During rotation the part of the Earth which faces the Sun receives more heat and so it used to be hotter than the part of the Earth which donot faces the Sun.

Revolution - During revolution the part of the Earth which is inclined towards the Sun receives more heat and so it used to be hotter than the opposite part.

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The days and nights are equal on 21st March every year because the Sun shines vertically over the equator.