



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



Worksheet 28 Solutions

Sub: Geography

Class:10

Date: 15-5-2020

Chapter 2: Topic: Winds and types of winds Second Term

1. Choose the correct answer
 - a. Vertical or nearly vertical movement of air is called i. wind ii. air current iii. breeze
iv. none of these.
 - b. The horizontal movement of air due to difference in atmospheric pressure is called
i. wind ii. air current iii. breeze iv. none of these.
 - c. The rate of change of pressure per unit distance is called i. Coriolis force ii. pressure
gradient iii. Ferrel's law iv. Buy's Ballot Law
 - d. Winds get deflected to their right in Northern hemisphere and to their left in
Southern Hemisphere due to i. Coriolis force ii. pressure gradient iii. Ferrel's law
iv. Buy's Ballot Law
 - e. Coriolis force was discussed by G.G. de Coriolis in the year i. 1835 ii. 1855 iii. 1857
iv. 1856.
 - f. Ferrel's Law was developed in the year i. 1835 ii. 1855 iii. 1857 iv. 1856.
 - g. In the Northern hemisphere if you stand with your back to the wind, there will be
low pressure to your left and high pressure to your right, this is explained by
i. Coriolis force ii. pressure gradient iii. Ferrel's law iv. Buy's Ballot Law
 - h. South West Monsoon is an example of i. Planetary wind ii. periodic wind iii. sudden
wind iv. local wind
 - i. Aandhi in North India is an example of i. Planetary wind ii. periodic wind iii. sudden
wind iv. local wind
 - j. Westerlies are an example of i. Planetary wind ii. periodic wind iii. sudden wind
iv. local wind
 - k. Cyclonic wind formed in the Bay of Bengal is an example of i. Planetary wind
ii. periodic wind iii. sudden wind iv. local wind
 - l. Buys Ballot law was discussed in the year i. 1835 ii. 1855 iii. 1857 iv. 1856.
 - m. Friction and obstruction to wind is less on i. Northern hemisphere ii. Southern
hemisphere iii. Ocean surface iv. none of these
 - n. Direction of wind is determined by i. weather cock ii. wind vane iii. anemometer
iv. i and ii

- o. Speed of wind is determined by i. weather cock ii. wind vane iii. anemometer
iv. i and ii

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