



st. Lawrence High School

A JESUIT CHRISTIAN MINORITY INSTITUTION



Worksheet 25 Solutions

Sub: Geography

Class:10

Date: 12-5-2020

Chapter 2: Topic: Factors Controlling Pressure Part II Second Term

1. Choose the correct answer
 - a. Air pressure is low at i. equatorial region ii. subtropical region iii. polar region
iv. none of these
 - b. Air pressure is normally high at i. equatorial region ii. subtropical region iii. sub
polar region iv. both ii and iii
 - c. Air pressure drops per 1000m at the rate of i. 12.6mb ii. 12.5mb iii. 11.6mb
iv. 6.5 mb.
 - d. If temperature at a place goes up, pressure will i. increase ii. decrease iii. remain
same iv. increase at same rate as temperature
 - e. 99% of atmosphere gases are found within i. 25km ii. 16km iii. 32km iv. 40km.
 - f. In summer air pressure on land will be i. high ii. very high iii. low iv. very low
 - g. Density of the water vapour is i. 10% ii. 20% iii. 30% iv. 40% less than gases like
oxygen and nitrogen
 - h. Land wind is heavier than moisture laden sea wind i. true ii. partly true iii. false
iv. irrelevant
 - i. Due to Earth's rotation air pressure on Equator tends to be i. low ii. very low
iii. high iv. very high
 - j. Due to gravitational pull of the Earth, air pressure will be highest at i. equator
ii. tropics iii. subtropics iv. polar region
 - k. In winter in Northern hemisphere low pressure will prevail on i. Asia ii. Europe
iii. Atlantic Ocean iv. Both i and iii
 - l. During the month of January in Indian Ocean there will be i. high pressure ii. very
high pressure iii. low pressure iv. none of these
 - m. Depression may form on Bay of Bengal during i. April May ii. January iii. September
iv. i and iii.
 - n. Equatorial diameter of the Earth is i. 12757km ii. 12714km iii. 12740km iv. none of
these
 - o. Individual pressure cells are found in i. Equator ii. Pole iii. Subtropical zone in
Northern Hemisphere iv. Subpolar zone in southern hemisphere

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