



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION

Worksheet 24 Solutions

Sub: Geography

Class:10

Date: 11-5-2020

Chapter 2: Topic: Atmospheric Pressure - Part 10

Second Term

1. Choose the correct answer
 - a. Normal air pressure at sea level is i) 1012.31 mb ii) 1013.25 mb iii) 1013.52 mb iv) 1013.12 mb
 - b. With the increase in temperature, pressure level i) comes down ii) goes up iii) remains same iv) remains horizontal.
 - c. Torricelli's barometer was invented in the year i) 1640 ii) 1646 iii) 1800 iv) 1840
 - d. Fortin's barometer was invented in the year i) 1640 ii) 1646 iii) 1800 iv) 1840
 - e. In nuclear power plants which among the following barometer is being used: i) Microbarograph ii) Pizoresistance Barometer iii) Hipsometer iv) Barograph
 - f. The instrument for continuous recording of air pressure is i) Microbarograph ii) Pizoresistance Barometer iii) Hipsometer iv) Barograph
 - g. The barometer that is used in satellite is i) Microbarograph ii) Pizoresistance Barometer iii) Hipsometer iv) Barograph
 - h. The metal that is used in barometer is i) lead ii) zinc iii) mercury iv) copper
 - i. The atmospheric pressure at sea level is i) 76 cmHg ii) 78 cmHg iii) 70 cmHg iv) 75 cmHg
 - j. The instrument that is used by pilots i) Aneroid barometer ii) Altimeter iii) Microbarograph iv) Both i and ii
 - k. Steep pressure gradient indicates i) strong wind ii) Isobars appear close together iii) gentle breeze iv) both i and ii
 - l. Factors which affect air pressure: i) temperature ii) presence of water vapour iii) altitude iv) all of these.
 - m. Jean Nicholas Fortin is a i) French ii) Italian iii) Spanish iv) British Scientist
 - n. Evangelista Torricelli is an i) French ii) Italian iii) Spanish iv) British Scientist
 - o. Variation in the atmospheric pressure is i) responsible for horizontal movement of air ii) Transfer of heat and moisture iii) responsible for vertical circulation of air iv) all of these

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