



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



Worksheet 20 Solutions

Sub: Geography

Class:10

Date: 29-4-2020

Chapter 2: Topic: Atmosphere Heating Mechanism of the Atmosphere Second Term

1. Choose the correct answer
 - a. The lowest layer of the atmosphere is heated by i. Conduction ii. radiation
iii. convection iv. advection
 - b. When the uppermost layer comes down after getting cooled it is known as
i. Conduction ii. radiation iii. convection iv. advection
 - c. Horizontal movement of air heating up lower atmosphere is known as i. Conduction
ii. radiation iii. convection iv. advection
 - d. When solar radiation is reaching the Earth it is coming in the form of i. long wave ii.
short wave iii. surface wave iv. none of these
 - e. When Earth is radiating back to the atmosphere it is going in the form of of i. long
wave ii. short wave iii. surface wave iv. none of these
 - f. Insolation in the form of heat energy is measured in the form of i. degrees ii.
calories iii. watts iv. ii and iii.
 - g. Temperature is measured in the unit of i. Celsius ii. Fahrenheit iii. Kelvin iv. All of
these
 - h. If water vapour increases in atmosphere temperature i. increases ii. decreases iii.
no change iv. none of these.
 - i. Highest temperature is recorded at i. 12 noon ii. 1 AM iii. 2 AM iv. 2 PM.
 - j. Lowest temperature is recorded at i. 12 midnight ii. 1 AM iii. 2 AM iv. 2 PM
 - k. Annual range of temperature is highest in i. equatorial ii. tropical desert iii.
temperate iv. polar climate.
 - l. When the highest temperature is 40.5°C and the lowest temperature is 25.5°C the
range of temperature is i. 15°C ii. 15.5°C iii. 10°C iv, 25°C
 - m. The maximum and minimum thermometer was invented by i. James Six ii.
Critchfield iii. Schonby iv. C. Frebi
 - n. The maximum and minimum thermometer was invented in the year i. 1782 ii 1783
iii. 1784 iv. 1785
 - o. Following element also plays a role in heating the atmosphere i. volcano ii. hot
spring iii. radioactive mineral iv. all of these.

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