



St. Lawrence High School

A JESUIT CHRISTIAN MINORITY INSTITUTION



Worksheet 8

Sub:Geography

Class:11

Date: 23-6-2020

Unit 2:Interior of the Earth part 1 ,1st term

1. Choose the correct answer

- a. The discontinuity separating mantle from core is known as i) Mohorovicic ii)Weichart - Gutenberg iii)Lehmann iv) Repetti discontinuity.
- b. The discontinuity separating outer core and inner core is known as i) Mohorovicic ii)Weichart - Gutenberg iii)Lehmann iv) Repetti discontinuity.
- c. The radius of the earth on the Equator is i) 6378 km ii) 6357 km iii) 6578 km iv) 6238 km
- d. Deep ocean drilling project has taken place near i) Mariana Trench ii) Kamchatka Peninsula iii)Kola Peninsula iv) New foundland
- e. The deepest mine of the world is located in i) USA ii) Brazil iii) South Africa iv) Australia , where depth is around 4 km.
- f. The average density of the core is around i) 11 ii) 10 iii) 12 iv) 13 per cm^3
- g. Which of the following seismic wave can travel from surface to core i) L wave ii) S. Wave iii) P wave iv) Both (i) and (ii)
- h. According to the scientists the rate of increase of temperature is 32 degrees / Km at a depth of i) 100 km ii)200 km iii) 150km iv) 250 km
- i. The state of inner core is i) Liquid ii) Semiliquid iii) Solid iv) Gaseous
- j. According to Newton's law of gravity earth's density is i) 2.71 gm per cc ii) 5.51 gm per cc iii) 10 gm per cc iv) 8 gm per cc
- k. What is the other major mineral found in the outer core other than Iron and nickel i) Silica ii) Magnesium iii) Aluminium iv) Chromium
- l. P wave travels at a speed of 6 to 7 km per sec through i) Crust ii) Outer Mantle iii) Inner Core iv) Outer core.
- m. Average pressure in the core is i)2000 Kilobar ii) 3000 Kilobar iii) 3500kilobar iv) 2500 kilobar.
- n. The average radius of the earth core is i) 2900 km ii) 3480 km iii) 2500 km iv)4000 km
- o. The physical state of outer core is i) Liquid ii) Semiliquid iii) Solid iv) Gaseous

Susmita Banerjee

