



St. Lawrence High School

A JESUIT CHRISTIAN MINORITY INSTITUTION



Worksheet 9 Solution

Sub:Geography

Class:11

Date: 24-6-2020

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

1. Choose the correct answer

- a. The discontinuity between crust and the mantle is known as i)Weichart Gutenberg ii)Repitti iii)Conrad iv) Mohorivicic.
- b. The discontinuity between the continental crust and oceanic crust is known as i)Weichart Gutenberg ii)Repitti iii)Conrad iv) Mohorivicic.
- c. The discontinuity between upper mantle and the lower mantle is known as i)Weichart Gutenberg ii)Repitti iii)Conrad iv) Mohorivicic.
- d. CroFeSiMa is found in i)upper mantle ii)lower mantle iii)asthenosphere iv)both i)andiii)
- e. Asthenosphere has a temperature of i)3000°C ii)1400°C iii)600°C iv)4000°C
- f. Overall average temperature of the crust is i)3000°C ii)1400°C iii)600°C iv)4000°C
- g. The mantle core boundary is found is found at a depth of i)1500 km ii)2000 km iii)2900 km iv) 3000 km
- h. Which among the following zone is known as low velocity zone i) Crust ii) Asthenosphere iii) Lower mantle iv) Upper core
- i. Repetti discontinuity is found at a depth of at least i) 500 km ii) 650 km iii) 700 km iv) 1000 km
- j. The Mohorovicic Discontinuty was discovered in the year i) 1909 ii) 1918 iii) 1930 iv) 1940.
- k. The average density of 3 gm/cc is found in i) SIAL ii) SIMA iii) Asthenosphere iv) Lower mantle
- l. The average density of 5 gm /cc is found in i) SIAL ii) SIMA iii) Asthenosphere iv) Lower mantle
- m. The three major concentric layers of SIAL, and NiFe of the earth was suggested by i) Mohorovicic ii) E. Suess iii) Inge Lehmann iv) Conrad
- n. The rocks like Basalt ,Gabbro,Peridotite are mainly found in the following layer i) SIAL ii) SIMA iii) Asthenosphere iv) Lower mantle
- o. NiFe Si Ma layer is found in i) SIAL ii) SIMA iii) Asthenosphere iv) Lower mantle

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