



# St. Lawrence High School

A JESUIT CHRISTIAN MINORITY INSTITUTION



## Worksheet 12 Solutions

Sub:Geography

Class:11

Date: 27-6-2020

### Chapter 2: Seafloor Spreading and Island arc

First Term

1. Choose the correct answer
  - a. Concept of seafloor spreading was developed by i. A. Wegener ii. Pratt  
iii. Eratosthenes iv. H.M.Hess
  - b. Concept of seafloor spreading was developed in the year i. 1959 ii. 1960 iii. 1962  
iv. 1963
  - c. Concept of seafloor spreading was proven in the year year i. 1959 ii. 1960 iii. 1962  
iv. 1963
  - d. Concept of seafloor spreading was proven by i. H.M.Hess ii. Vine and Matthews  
iii. Wegener iv. Pratt
  - e. It has been observed that on average seafloor spreads around i. 5cm ii. 2 cm  
iii. 10cm iv. 20cm a year
  - f. Primary cause of seafloor spreading is i. Shrinking of the earth ii. rotation  
iii. convection current iv. gravitational pull
  - g. Length of mid Atlantic ridge is around i. 10000km ii. 50000km iii. 80000km  
iv. 60000km
  - h. Deposition of silt is thickest on oceanic crust i. near the ridge ii. slightly away from  
the ridge iv. Farthest from the ridge iv. none of these
  - i. The samples of rock found on the oceanic floor are i. 200 million ii. 500 million  
iii. 1 billion iv. 3 billion years old
  - j. The continental rocks older than the rocks of the ocean floor are about i. 200 million  
ii. 500 million iii. 1 billion iv. 3 billion years old
  - k. Aleutian peninsula have formed due to i. volcanic eruption ii. mantle plume  
iii. shifting of continental plate iv. none of these
  - l. West Indies in the Caribbean sea have formed due to i. volcanic eruption ii. mantle  
plume iii. shifting of continental plate iv. none of these
  - m. Hawaiian peninsula have formed due to i. volcanic eruption ii. mantle plume  
iii. shifting of continental plate iv. none of these
  - n. Subduction zone is found at i. convergent boundary ii. divergent boundary  
iii. transform boundary iv. none of these

- o. The Kurile islands are found in the i. Bering sea ii. Japan sea iii. Sea of Okhotsk  
iv. Java Sea

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