



# ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



## Worksheet 43 Solutions

Sub: Geography

Class:12

Date: 13-7-2020

### Chapter 7: Topic: El Nino and ENSO Pre-test Term

1. Choose the correct answer

- a. El Nino was first noticed by Peruvian fishermen in i. 1892 ii. 1527 iii. 1690 iv. 1596
- b. Generally El Nino stays for i. 5 months ii. 5-10 months iii. 10-14 months iv. 14-22 months
- c. El Nino develops in southern hemisphere during the month of i. June ii. October iii. December iv. March
- d. During El Nino thermocline layer goes down to i. 50-100m ii. 150-175m iii. 100-150m iv. none of these
- e. During El Nino temperature fluctuation of the ocean is around i. 0-1°C ii. 0-10°C iii. 1-5°C iv. 10-20°C
- f. During El Nino low pressure is experienced in i. S.E. Pacific Ocean ii. Peru Chile Coast iii. Australia coast iv. Both i and ii
- g. During La Nina thermocline layer goes down to i. 50-100m ii. 150-175m iii. 100-150m iv. none of these
- h. i. NE Equatorial ii. SE Equatorial iii. Counter Equatorial Pacific iv. Humboldt current is known as Cornwell current
- i. i. Aayan Plymer ii. Amman, Maan, Adam ii. Camilo Carillo iv. J Berkens said that the volcanoes Chimberazo and Cotopaxi warm the waters of the Pacific
- j. i. Aayan Plymer ii. Amman, Maan, Adam ii. Camilo Carillo iv. J Berkens mentioned undersea fissure eruption along the Pacific Antarctic ridge
- k. i. Aayan Plymer ii. Amman, Maan, Adam ii. Camilo Carillo iv. J Berkens discussed about hot spots as a cause of El Nino formation
- l. During El Nino Peru coast receives rainfall around i. 20cm ii. 50cm iii. 100cm iv. 300cm
- m. Due to El Nino i. coral bleaching ii. drought in SE Asia iii. less fishing in Peru coast iv. All of these happen
- n. Southern oscillation is negative when air pressure is low in i. Tahiti island ii. Darwin iii. Peru iv. i and iii
- o. During La Nina Humboldt current moves towards i. north ii. south iii. east iv. west along the coast of South America

