



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



First Term Test Solutions – 2019

Sub: Geography

Class:11D

F.M:70

Duration:3 Hours and 15 Minutes

Date: 5-8-2019

Group A

1. Choose the correct answer: 1X21=21

- a. Which among the following branches of geography deal with map making - i. Physical Geography ii. Fluvial Geography iii. **Cartography** iv. None of the above.
- b. Who first used the term isostasy- i. A Wegner ii. A Holmes iii. Hutton iv. **Dutton.**
- c. The inner mantle of the Earth is known as i. SIAL ii. SIMA iii. Crofesima iv. **Nifesima**
- d. The inner core is i. **solid** ii. liquid iii. gaseous iv. none of the above.
- e. The word geography was first used by i. **Eratosthenes** ii. Humboldt iii. Ptolemy iv. Ritter.
- f. Kant's theory was published in i. 1795 ii. **1755** iii. 1855 iv. 1757.
- g. Which of the following countries is the most prone to earthquakes - i. Italy ii. China iii. **Japan** iv. India.
- h. Temperature at the core of the Earth is i. 3000°C ii. **6000°C or above** iii. 600°C iv. 1600°C
- i. Which force creates reverse fault - i. expansion ii. **compression** iii. centripetal iv. none of the above
- j. Saucer shaped intrusive landform is known as i. laccolith ii. **lopolith** iii. phacolith iv. Batholith
- k. The geographer who first explained the ideas of latitude and longitude - i. Herodotus ii. Magellan iii. **Ptolemy** iv. Kant.
- l. The Big Bang Theory was put forward in the year i. **1950** ii. 1952 iii. 1962 iv. 1970
- m. Pressure condition at the core is i. 2000 kb ii. **3500 kb** iii. 3000 kb iv. 6000 kb.
- n. Length of the mid oceanic ridge is about i. 30000 km ii. 50000 km iii. **80000 km** iv. 90000 km.
- o. The term plate was coined by i. Morgan ii. Thornberry iii. **J T Wilson** iv. Mathews.
- p. The line by which the fold may be divided into two equal halves - i. **Axis** ii. Crest iii. Trough iv. axial plane.
- q. The rock which is favourable to folding i. metamorphic ii. Igneous iii. Scheist iv. **Sedimentary**

- r. Central massif of France is a classic example of a i. young fold mountain ii. old fold mountain iii. fault scarp iv. **fault plateau**.
- s. Light house of the Mediterranean is i. Vesuvian type ii. **Strombolian type** iii. Vulcaniantype iv. Pelean type volcano.
- t. The wave which reaches the Earth's surface first is i. L wave ii. D wave iii. **P wave** iv. S wave.
- u. Which among the following instruments is used to measure the magnitude of seismic energy i. Barometer ii. Thermometer iii. **Seismograph** iv. Anemometer

Group B

2. Answer any fourteen of the following: 14X1=14

- a. Name the discontinuity between crust and mantle. Mohorovicic
- b. Southern part of India was part of which continent? Gondwanaland, Africa
- c. Island arcs are found at which type of plate boundary? Converging Plate Boundary
- d. What is the basis of George Airy's theory? Law of Flotation
- e. What is homoseismal line? Pg 83
- f. What is a hot spot? Pg 45
- g. What is panthalasa? Pg 33
- h. Who is the propounder of Nebular hypothesis regarding the origin of the Earth? Laplace
- i. Who is the propounder of the concept of seafloor spreading? H M Hess
- j. What is Asthenosphere? Pg 22
- k. Which region of India is more vulnerable for earthquake? Himalayan zone
- l. What is Crofesema? Chromium, ferrous, silica, magnesium, - found in upper mantle.
- m. Which branch of geography discusses landforms of the Earth's surface? Geomorphology
- n. Give an example of tear fault. San Andreas Fault
- o. Give an example of fissure eruption. Deccan Lava plateau
- p. Which layer forms the floor of the ocean? SIMA
- q. What is Proto Sun? Pg 16

Group C

3. Answer the following: (any five)

7x5=35

- a. Define the structure elements of fault. Pg 64 Description and Diagram. Define endogenic force. Pg 52 Definition 5+2.
- b. Write down the difference between symmetrical and asymmetrical fold. Pg 60 Definition. Define recumbent fold. Pg 59 diagram. 5+2
- c. Describe divergent plate boundary and its effects. What is subduction? Where do we see it? 3+2+2 Pg 40-41, Definition Diagram
- d. What is Pangea? Pg 33 Definition. Discuss the evidences in support of Continental Drift Theory. Pg 35 Description pointwise. 2+5
- e. Define Pratt's view on Isostasy. Write down the experiment he made to prove his point. 3+4 Pg 28, Definition, experiment with diagram.

- f. Define resource.. Mention Zimmermann's definition. Write down the characteristics of resource. 2+5 Pg 139 Mention all the points.
- g. Define Seismic focus and epicentre. Write at least 5 points of comparison of seismic waves. 2+5 Definition Page 81. Page 82 write the comparison.

Referred book: Higher Secondary Geography
Arun Shankar Pal.