



ST. LAWRENCE HIGH SCHOOL

First Term Test - 2018

Sub: Geography Class: XI D F. M. 70

Duration: 3 Hours 15 Minutes Date: 01-08-2015

Group A

1. Choose the correct answer: 1X21=21
- When magma is solidified along the horizontal fissure parallel to earth's surface it is called i. Sill ii. Dyke iii. Laccolith iv. Phacolith.
 - Which of the following is related to orogenic movement - i. Fold Mountain ii. Block Mountain iii. Plateau iv. Volcanic Mountain
 - Maximum tremors of an earthquake is felt at the i. Focus ii. Anticentre iii. Epicentre iv. Shadow Zone.
 - An example of ubiquitous resource is i. Coal ii. Sunlight iii. mice iv. Forest.
 - The most accepted theory for the origin of the universe is i. Gaseous theory ii. Tidal hypothetical iii. Big Bang Theory iv. Planetesimal theory.
 - i. Fold Mountain ii. Block Mountain iii. Residual Mountain iv. Volcanic Mountain is formed due to faulting.
 - Epeirogenic movement takes place i. Vertically ii. Horizontally iii. Parallely iv. Obliquely
 - Level of compensation theory was explained by i. Bowie ii. Hayford iii. Pratt iv. Airy.
 - Demography is related to the branch of geography which is called i. Cultural geography ii. Social Geography iii. Political geography iv. Population geography.
 - When both the limbs of a fold become parallel but not horizontal - i. Isoclinal fold ii. Fan fold iii. Recumbent fold iv. Monoclinial fold.
 - The plate boundary of the Indian plate along the Himalayas is of the type i. Ocean continent convergence ii. Divergent boundary iii. Transform boundary iv. Continent continent convergence.
 - The ancient fossil plant recorded in Wegener's theory i. Mesosaurus ii. Glossopteris iii. Dinosaur iv. Gondasopteris.
 - Which one of the following describes the lithosphere i. upper and lower mantle ii. Crust and core iii. crust and upper mantle iv. mantle and core.
 - Kilawea of Hawaii is an example of i. Extinct volcano ii. Intermittent volcano iii. Dormant Volcano iv. Active Volcano
 - Who is the propounder of the functional theory of resource - i. Huntington ii. Humboldt iii. Ritter iv. Zimmerman
 - The inner core is i. solid ii. liquid iii. gaseous iv. none of these.

- q. The angle between the fault plane and the horizontal plane is known as
i. Hade ii. Heave iii. Throw iv. Dip.
- r. Another name of the divergent plate boundary is i. Conservative plate boundary ii. Destructive plate boundary iii. Constructive plate boundary iv. None of these.
- s. Shadow zone is found between i. $104^\circ - 140^\circ$ ii. $110^\circ - 160^\circ$ iii. $90^\circ - 110^\circ$ iv. $30^\circ - 130^\circ$ of the epicentre.
- t. In orogenic movement the earth's crust moves i. horizontally ii. parallelly iii. vertically iv. tangentially.
- u. The layer of rocks of high density of Earth's crust lies over i. SIAL ii. SIMA iii. Mantle iv. None of these.

Group B

2. Answer the following (Any 14): $1 \times 14 = 14$

- a. What is anticlinorium?
- b. Which islands are located in Bering Sea?
- c. What is the name of the northern portion of Pangea?
- d. Who discovered the new sea route to India?
- e. Who first explained the concept of latitude and longitude?
- f. Name the branch of geography related to hydrology.
- g. What is subduction?
- h. Define nappe?
- i. What is epicentre?
- j. What is Pele's hair?
- k. What is a hinge?
- l. Which earthquake wave has the highest velocity? What is the range of its speed?
- m. What is a dormant volcano? Give examples.
- n. What is unquietities? Give example.
- o. Mention any two characteristics of material resources.
- p. Tidal hypothesis was put forward by which scientist and when?
- q. Who first successfully measured the circumference of the earth?
- r. What is non spatial data?
- s. Who presented the idea of drifting of continents?

Group C

3. Answer any five of the following: $5 \times 7 = 35$

- a. Give reasons in favour of seafloor spreading. What do you understand by isostasy? (5+2)
- b. What is the light house of the Mediterranean Sea? Describe the intrusive igneous landform of vulcanicity with suitable sketches. (2+5)
- c. Describe Earth's mantle. What is Mohorovicic discontinuity? (5+2)

- d. Define resource. Compare the characteristics of renewable and non-renewable resource. (2+5)
- e. Describe convergent plate boundary and its effect on earth. What is transform plate boundary? Give one example. (4+2+1)
- f. What do you know about GPS and GIS? Describe the Aleutian Island arc. (5+2)
- g. Define fold with examples. Write the differences between fault scarp and fault line scarp. (2+5)



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First Term Test - 2018 (Solution)

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 - f. i. Fold Mountain ii. Block Mountain iii. Residual Mountain iv. Volcanic Mountain is formed due to faulting.
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 - j. When both the limbs of a fold become parallel but not horizontal - i. Isoclinal fold ii. Fan fold iii. Recumbent fold iv. Monoclinical fold.
 - k. The plate boundary of the Indian plate along the Himalayas is of the type i. Ocean continent convergence ii. Divergent boundary iii. Transform boundary iv. Continent continent convergence.
 - l. The ancient fossil plant recorded in Wegener's theory i. Mesosaurus ii. Glossopteris iii. Dinosaur iv. Gondasopteris.
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 - n. Kilawea of Hawaii is an example of i. Extinct volcano ii. Intermittent volcano iii. Dormant Volcano iv. Active Volcano
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 - p. The inner core is i. solid ii. liquid iii. gaseous iv. none of these.

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- u. The layer of rocks of high density of Earth's crust lies over i. SIAL ii. SIMA iii. Mantle iv. None of these.

Group B

2. Answer the following (Any 14): 1X14=14
- a. What is anticlinorium? Pg 53
 - b. Which islands are located in Bering Sea? Pg 44 Aleutian Islands
 - c. What is the name of the northern portion of Pangea? Laurasia Pg 32
 - d. Who discovered the new sea route to India? Vascoda Gama
 - e. Who first explained the concept of latitude and longitude? Claudius Ptolemy Pg 3
 - f. Name the branch of geography related to hydrology. Oceanography Pg 7
 - g. What is subduction? Pg 40
 - h. Define nappe? Pg 56
 - i. What is epicentre? Pg 74
 - j. What is Pele's hair? Pg 66
 - k. What is a hinge? Pg 52
 - l. Which earthquake wave has the highest velocity? What is the range of its speed? P Wave 5-14 km/sec Pg 74-75
 - m. What is a dormant volcano? Give examples. Pg 71 Fujiyama
 - n. What is unquieties? Give example. Pg 130
 - o. Mention any two characteristics of material resources. Pg 130
 - p. Tidal hypothesis was put forward by which scientist and when? James Jeans Pg 17
 - q. Who first successfully measured the circumference of the earth? Eratosthenes Pg 2
 - r. What is non spatial data? Pg 11
 - s. Who presented the idea of drifting of continents? Pg 32 Alfred Lothar Wegener

Group C

3. Answer any five of the following: 5X7=35

- a. Give reasons in favour of seafloor spreading. What do you understand by isostasy? (5+2) Pg 29, Pg26 Describe the concept
- b. What is the light house of the Mediterranean Sea? Describe the intrusive igneous landform of vulcanicity with suitable sketches. (2+5) Pg 66, Pg 70
- c. Describe Earth's mantle. What is Mohorovicic discontinuity? (5+2)
- d. Define resource. Compare the characteristics of renewable and non-renewable resource. (2+5) Pg 22-23, Pg 22
- e. Describe convergent plate boundary and its effect on earth. What is transform plate boundary? Give one example. (4+2+1) Pg 39-40
- f. What do you know about GPS and GIS? Describe the Aleutian Island arc. (5+2) Pg 10-11, Pg 44.
- g. Define fold with examples. Write the differences between fault scarp and fault line scarp. (2+5) Pg 51, Pg 63