



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION

Selection Test Solution – 2019



Sub: Geography

Class:12 D

F.M:70

Duration: 3 Hrs.15 Mins.

Date: 22-11-2019

Group A

1. Choose the correct answer: 1X21-21

- a. The word grade was first used by i. George Airy ii. Pratt iii. Gilbert iv. Penck
- b. Unsaturated layer of rocks above the saturated layer is known as i. Phreatic layer
ii. Aquifer iii. Cavern iv. Vadose.
- c. The bund that develops parallel to the coast is known as i. platform ii. tombolo
iii. Hoak iv. spit
- d. The knick point is formed due to i. river capture ii. meandering of river
iii. rejuvenation iv. valley formation
- e. Which drainage pattern develops over dome shaped mountain region - i. dendritic
ii. rectangular iii. trellis iv. radial.
- f. Solonchak soil formation process is known as i. lateralization ii. Salinization
iii. Calcification iv. Alkalization.
- g. Podsol soil is i. acidic ii. basic iii. ultra basic iv. neutral.
- h. The gas which is mostly responsible for depletion of ozone layer is i. Carbon di-oxide
ii. Chlorofluorocarbon iii. Sulphur Di Oxide iv. Methane.
- i. In the years of El Nino warm ocean current is found in i. Madagascar Coast ii. Chile
coast iii. Australian coast iv. Peru Equador coast.
- j. Harmattan is found in i. Adriatic coast ii. Egypt iii. Gulf Coast iv. Guinea coast.
- k. The species which has not been seen in last 100 years are known as i. threatened
ii. endangered iii. extinct iv. vulnerable.
- l. Fishery Survey of India has its headquarters at i. Vishakhapatnam ii. Cochi
iii. Chennai iv. Mumbai.
- m. The state that ranks first in groundnut production is i. Madhya Pradesh
ii. Maharashtra iii. Gujarat iv. Tamil Nadu.
- n. Tourism is an economic activity under i. primary sector ii. secondary iii. tertiary
iv. Quaternary sector.
- o. Long staple cotton is mostly produced in i. India ii. China iii. Egypt iv. Japan.
- p. Highest coffee producing district in India is i. Chitradurg ii. Chikmagalur
iii. Madurai iv. Dhanbad.

- q. Gold collar workers are engaged in i. agriculture ii. industry iii. transportation
iv. consultancy.
- r. The theory of industrial location was first propounded by i. Von Thunen ii. Alfred Weber iii. E W Zimmermann iv. Lasch.
- s. A coal producing centre of Chattisgarh is i. Bailadila ii. Bilaspur iii. Dallirajhara
iv. Korba.
- t. According to the 2011 census number of million cities in India are i. 52 ii. 53 iii. 35
iv. 51.
- u. The state with highest population in India according to 2011 census is i. Bihar
ii. Uttar Pradesh iii. Maharashtra iv. West Bengal.

Group B

2. Answer the following: 1X14

- a. What is gradation? Process which removes all unevenness on the surface bringing them down to a level surface P1. OR What is meteoric water? Rainwater or snowmeltwater seeping downward forming groundwater.
- b. Define bajada. In arid regions between upland and playa the alluvial fan unites to form bajada. P 36 OR Define Monadnock. Remnants of resistant rocks found in peneplain. P 33.
- c. What is superimposed river? Definition with examples, pg 42.
- d. What is a barrier reef? Offshorebar formed at the mouth of a gulf. P 25.
- e. What is regolith? Loose rock material found over the parent rock bed. Pg 51. OR What is duricrust?
- f. What is an eye of a cyclone? The central part of a tropical cyclone. Pg 67. OR What is a warm front? Boundary line between an advanced warm air and cooler air over which it rises up in temperate cyclone P 69.
- g. Define mesophyte. The plants which grow in an environment which has a definite or a measured amount of rainfall and temperature.
- h. What is a red data book? The list of extinct and endangered species prepared by IUCN in 1963. OR What is a meteorological drought? Reduction of rainfall for a specific period of time, below a specific amount.
- i. What is crop intensity? Ratio between net sown area and a gross or total cropped area. P 165. OR Define wet farming. Method of farming practiced in areas of abundant rainfall. P 161.

- j. What is a biological hotspot? An area where number of species are more than 15% and 70% of these should be indigenous. The environment is threatened. Eg. Equatorial region.
- k. What is optimum population? Ideal number of people which a country should have with due consideration for resources. p 303. OR What is emigration? When people move from their own place to settle in another area p 307.
- l. Define micro region. Planning region covering a small area like a village or a bloc. P 332. OR Give the exact location of Haldia port. Confluence of Hooghly and Haldi river in East Medinipur district.
- m. Define tertiary activity. Definition with Eg p 276.
- n. What is material index? Def p 222. OR Name the raw materials used in petrochemical industry. Naptha, Sulphur and other byproducts of crude oil. P 26:..

Group C

3. Explain with diagrams the different types of erosional landforms produced by marine erosion. Wave cut landforms, cave, arch, stack, stump, geo, gloup etc. with diagrams. Pg 23-24. What are the controlling factors for the development of Trellis drainage pattern? Alternate bands of hard and soft rocks, folded strata. (5+2=7)
OR
What is rejuvenation? Def pg 37. Mention any two differences between pediplain and peneplain. Any two differences pg 35. Describe in brief soil profile. Explanation with diagrams, pg 53. (1+2+4=7)
4. Distinguish between tropical and temperate cyclone. Difference and description pg 70. Classify the plant types according to temperature and sunlight. Megatherm, mesotherm etc and photophyllic and sciophyte etc with example pg 102. (4+3=7)
OR
Discuss the importance of biodiversity. At least 5 points pg 121. What is ex situ conservation? Def with examples pg 128. What is mitigation strategy? (4+1+2=7)
5. Describe the main characteristics of market gardening. Characteristics given in pg 211. Mention four conditions for the development of fishing in India. pg 177. What is crop intensity? pg 165. (3+2+2=7)
6. Write down the factors for development of food processing industry in India. Definition and characteristics pg 235. What are the problems of automobile industry in India? At least 3 problems. pg 272. What is an isotim? Equal transport cost line. Pg 225. (3+3+1=7)

7. Mention the characteristics of the age sex pyramid of India. Description given in Pg 310.

Write down the factors for the development of Bengaluru Electronic Industry. Description pg 334-335. (4+3=7)

OR

Discuss the characteristics of nucleated settlement. Definition, clustered settlement, pg 317

What is the census definition of rural settlement? Population less than 5000, 75%

population engaged in primary activity. What is brain drain and brain gain? Meritorious people leaving a particular country and settling in another country. It is brain drain for the former and brain gain for the latter. (3+2+2=7)