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18/1/2020



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION

Pre Annual Test Solutions- 2020



Sub: Geography

Class:11D

F.M:70

Duration: 3 Hours 15 Minutes

Date: 14-1-2020

Group A

1. Choose the correct answer:

- a. A branch of human geography is i. soil geography ii. population geography iii. bio geography iv. plant geography.
- b. The gaseous theory of the formation of the Earth by Kant was published in i. 1855 ii. 1755 iii. 1775 iv. 1757.
- c. The reptiles found in the form of fossils of the very old ancient times were i. dinosaur ii. lystrosaurus iii. mesosaurus iv. plaenotosaurus.
- d. Who first recognized that there lies a plane of discontinuity between the mantle and the core - i. Gutenberg ii. E.Suess iii. Wegner iv. Mohorovicic.
- e. The seismic wave which can move through only solid materials - i. P wave ii. E wave iii. S wave iv. D wave
- f. A large saucer shaped mass of rock structure is i. batholith ii. lopolith iii. laecolith iv. dyke
- g. The albatross plateau is situated in i. Atlantic Ocean ii. Pacific Ocean iii. Indian Ocean iv. Arctic Ocean.
- h. The part of the sea where generally oil is stored is i. continental shelf ii. deep sea plain iii. continental slope iv. abyssal plain.
- i. The highest salinity occurs in i. Red sea ii. Mediterranean sea iii. Lake Van iv. Arabian Sea.
- j. Mozambique current is found in i. Atlantic Ocean ii. Pacific Ocean iii. Indian Ocean iv. Southern Ocean
- k. Who first used the term ecosystem? - i. Ernest Haeckel ii. A.G. Tansely iii. Lindeman iv. None of them.
- l. Biosphere is an i. Open system ii. closed system iii. isolated system iv. none of these.
- m. Pampas grassland is found in i. South Africa ii. Argentina iii. Australia iv. Brazil.
- n. Doggers bank is found in i. Gulf of Guinea ii. Caribbean Sea iii. North Sea iv. Bay of Biscay

- o. "Activity of matter is resource" was said by i. Lindeman ii. Aucarman
iii. Zimmerman iv. Tansely
- p. Fish living in shallow waters are called i. Anadromous fish ii. Pelagic fish
iii. Demersal fish iv. None of these.
- q. The country which has largest forest cover under land utilization is i. Australia
ii. Canada iii. China iv. Netherlands.
- r. The Karez method of irrigation is carried out in i. Egypt ii. Bangladesh iii. Pakistan
iv. India
- s. The country where more than 98% agriculture depends on irrigation is i. India
ii. Pakistan iii. China iv. Egypt.
- t. Psilomelane is a mineral ore of i. copper ii. mica iii. manganese iv. iron
- u. Which is famous for mica production.- i. Koderma ii. Kolkata iii. Kandla iv. Koraput

Group B

2. Answer the following questions in one sentence each: 1X14=14
- a. Write the name of a branch of biogeography. Phyto, zoogeography.
 - b. What does the word tekton mean? To build up OR What are transform plates?
Slides horizontally against each other.
 - c. Carbonation is more active in which region? Humid region
 - d. What is a hinge? Part of a fold where rock strata is under maximum stress. OR
Which type of volcano is Mount Fujiama? Dormant.
 - e. What is terrigenous deposit? Land driven material like clay/silt/rock/sand OR What
is cosmogenous deposit? Materials coming from outer space.
 - f. What is isohaline? Imaginary line joining points of equal salinity in ocean. OR Which
is the largest coral reef of the world? Great barrier reef.
 - g. What is GPP? Gross Primary Production.
 - h. What is an intangible resource? Resources which cannot be felt or touched - eg.
intelligence.
 - i. What is Taiga? Coniferous forest in Russia or Canada. OR What is Selva? Equatorial
forest of Brazil.
 - j. Name the cold ocean current off the coast of Japan? Oyashio or Kurile current
 - k. In which country do we find Polderland? The Netherlands. OR Which country is
known as the granary of Europe? Ukraine.
 - l. What is M.R.V.P.? Multi Purpose River Valley Project (DVC) OR What is rainwater
harvesting? Managing and conserving rain water scientifically by different methods.

- m. Where is the largest lignite mine of India located? Neyveli in Tamil Nadu OR Which country produces maximum copper in the world? Chile
- n. Which metal is extracted from chalcopyrite? Copper.

Group C

3. Discuss the interior of the Earth with diagram. Detailed discussion on layers of earth like crust, mantle, core, their characteristics. Mention 2 evidences in support of Big Bang Theory.
1. Universe is still expanding 2. Galaxies appear to be moving away from us at speed proportional to their distance. 5+2=7

OR

Mention any two evidences in support of continental drift theory. Explanation of jigsaw puzzle theory, fossilized plant and animals. Sedimentary rocks etc. Discuss convergent plate boundary with examples. Explanation of continent vs continent, ocean vs continent, ocean vs oceanic plate with subduction. 4+3=7

4. Discuss the structural elements of faulting. Explanation with faultlines, faultplanes, dip, strike with diagrams. Mention any four differences between fault scarp and fault line scarp. Explanation regarding the origin and characteristics of both. 3+4=7

OR

Classify volcanoes according to their shape and formation with diagram. Description of conical, dome, composite shaped volcano with examples. What is caldera? Looks like a large crater, saucer shaped, containing smaller cones of later origin. What is solfatara? Volcanoes emitting sulphurous gases instead of lava. 4+2+1=7

5. Discuss the oceanic ridges of Indian Ocean. Explain mid-Indian ridge with its branches like Socotra Chagos, Seychelles, Prince Edward Crozet, 90 East etc. Name the calcareous oozes. Explain globigerina and Pteropod ooze. 4+3=7

OR

Discuss the biotic components of ecosystem. Explain autotrophic and heterotrophic components. Describe the ecological pyramid. Explain pyramid of number, biomass, energy. 4+3=7

6. Classify resources according to supply and durability. Explain flow and fund resources with examples. Name the resource creating factors with examples. Write in brief on nature, man and culture. 4+3=7

OR

Discuss the reasons why lumber industry has developed in coniferous forests. Pure stand, clear ground, snowcovered ground, lack of other occupation congenial climate etc. Why is

Norway known as the land of fishermen? Broken coastline, fishing ports, rugged terrain, forested region, large fish catch. 5+2=7

7. Map pointing is compulsory

a. Mark the following in the given outline map of the world and label them: 1X2

i. Equatorial forest region of the world

ii. South East Pacific Fishing Region

b. Name the oil producing regions of India. Explain the production in offshore region of Mumbai, Gulf of Khambat, Assam. Name the ores of coal. Anthracite, Bituminous, Lignite and Peat. 3+2

OR

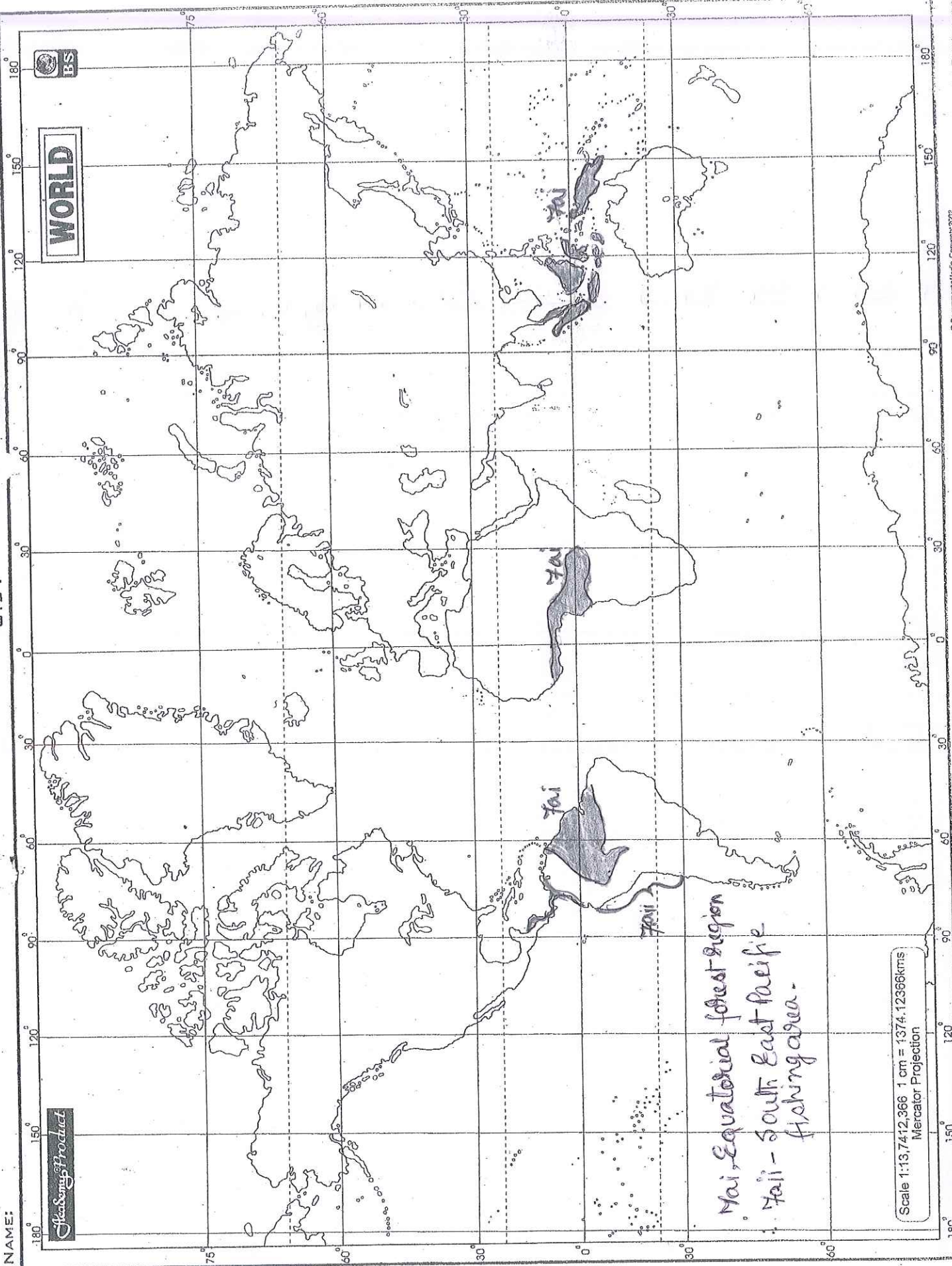
Mention the necessities of irrigation in India. Uneven and uncertain distribution of rainfall, water hungry crops, cultivation of rabi crops, soil with variation of water retention capacity, cultivation of HYV crops etc. Why is Egypt known as the gift of the Nile? Irrigation from Nile river made it possible to cultivate different crops like cotton etc in Egypt. Otherwise it would have been a desert. 3+2

inverted climate
05/05/11/81

ROLL NO. :

SECTION :

STD :



WORLD

Shiksha Product

Mai, Equatorial forest region
 Mai - South East Pacific
 Fishing area.

Scale 1:13,74,12,366 1 cm = 1374.12366kms
 Mercator Projection