

Shelley
28/11/2019.



ST. LAWRENCE HIGH SCHOOL

Third Term Examination - 2019

Sub: Geography

Class: VII

Full Marks: 90

Duration: 2 Hours 30 minutes

Model Answer

Date: 25.11.19

Read the questions carefully and answer as directed.

Group - A

1. Fill in the blanks. 5

Ghana is bordered by Ivory Coast in the west, Burkina Faso in the north. Togo lies to the east and the south is washed by the Gulf of Guinea and Atlantic Ocean.

2. State whether the following statements are 'TRUE' or "FALSE". 5

- The equator passes through the port town of Tema in Ghana. False
- Basalt changes to schist. True
- Linear scales are also known as graphic scales. True
- Kandla is located in Maharashtra. False
- Lake Tanganyika is the deepest lake of the world. False

3. Choose the correct word and complete the sentences. 5

- The united flow of White Nile, Blue Nile and (Congo/Atbara/Niger) flows as Nile.
- (Ergs/Wadis/Hamadas) are plateaus made up of rocks and sand.
- SAIL is a (public/joint/private) sector industry.
- Takoradi is an artificial (jetty/dock/harbour).
- Graphic scales are also called (verbal/bar/statement) scales.

4. Match the words of column 'A' with those of column 'B'. 5

<u>A</u>	<u>B</u>
Northern Africa	<u>Egypt</u>
Western Africa	<u>Senegal</u>
Central Africa	<u>Rwanda</u>
Eastern Africa	<u>Uganda</u>
Southern Africa	<u>Malawi</u>

5. Answer in not more than three words. 5

- Name the capital of Kenya. Ans: Nairobi
- What is the full form of RF? Ans: Representative Fraction
- In which layer of the atmosphere do auroras occur? Ans: Thermosphere
- What is the meaning of 'Keiretsu'? Ans: Group of Enterprises
- Name the second largest city of Ghana. Ans: Kumasi

Group – B

6. Give very short answers.

5x2=10

- a. What is the 'Horn of Africa'?
Ans: The easternmost peninsular region comprising Djibouti, Eritrea, Ethiopia & Somalia.
- b. What is the full form of 'EARS' and 'ONGC'?
Ans: East African Rift System and Oil and Natural Gas Corporation
- c. Name the two important gold mining centres of Ghana.
Ans: Obuasi and Konongo
- d. Which country is known as the 'Land of windmills' and why?
Ans: Netherlands – leading user of wind energy in the world.
- e. What is the 'Roof of Africa'?
Ans: Ethiopian Highlands formed by the remains of volcanoes in northeastern Africa.

7. Give short answers. (any 5)

5x3=15

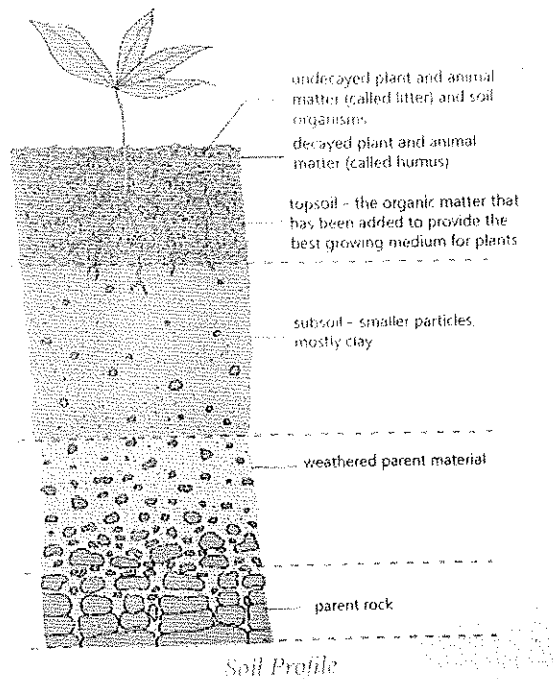
- a. Describe the course of river Congo.
Ans: Source – East African Rift System mountains and highlands. Flows through Angola, Cameroon, Central African Republic, the Democratic Republic of Congo and Congo.
- b. State three factors that make soil fertile.
Ans: (i) Minerals – potash, nitrogen, silica and iron.
(ii) Humus – organic matter formed from dead & decaying vegetative matter.
(iii) Adequate moisture content.
(iv) Well aerated – facilitating oxygen circulation.
- c. Describe exfoliation.
Ans: Peeling of the outer rock layer because of heating and expanding during daytime while the inner layer remains cool.
- d. Write about the sources and effects of noise pollution.
Ans: Sources – Construction activities, machinery, different factory equipments and electrical drills. Effects – Irritation, hearing impairment, increased blood pressure and heartbeat, affects well-being of the workers.
- e. Differentiate between extrusive and intrusive igneous rocks.
Ans:

Extrusive Igneous Rocks	Intrusive Igneous Rocks
Formed above the earth's surface.	Formed below the Earth's surface.
Takes less time to cool.	Takes a long time to cool.
Fine crystals are formed.	Coarse grains are formed.

- f. How is nuclear energy produced?
Ans: Heat energy is released when the atomic structure of thorium and uranium is altered. This heat energy is transformed into electrical energy.
- g. Describe the Volta basin.
Ans: Occupies central part of Ghana which is about 45% of Ghana. The basin is made up of volcanic sandstone and has infertile soil.

Group – C

8. Define and then with the help of a neatly labelled **diagram** show the **Soil Profile**. 5



9. Answer in detail. (any 6)

6x5=30

- a. Explain the formation of sedimentary rocks.
Ans: To be discussed in detail - Accumulation of sediments. Lithification. Role of wind and water. Hardening of sediments. Role of Lime as cementing material. Definition of strata and bedding plane.
- b. Define and describe large scale industries with suitable examples.
Ans: To be discussed in detail - Produce large number or quantity of products and require huge investment. Modern technology is important. Backbone of the country and supports the small scale industries. SAIL, ONGC, BHEL.
- c. Describe the Sahel.
Ans: To be discussed in detail - Semi-arid transition zone between Sahara desert and Savanna. Flatland with grassland vegetation - baobab, acacia & cram-cram trees. River Niger. Name of the fourteen countries.
- d. Explain how cloud cover influences weather and climate.
Ans: To be discussed in detail - Definition of Clouds. Cloud reducing insolation & terrestrial radiation. Trapping of heat by the cloud. Atmospheric conditions on cloudy and cloudless days. Role of Oktas.
- e. Describe biological weathering.
Ans: To be discussed in detail - Role of Plants, animals and man in disintegration.
- f. Describe in detail the process of cocoa harvesting practiced in Ghana.
Ans: To be discussed in detail - Two harvest seasons - time period. Work of the farmers - carefully picking of pods in the early morning. Tumbadours performing their duties by using hooked knives and machetes.

g. Depict in detail the causes of air and water pollution.

Ans: To be discussed in detail – *Air pollution: Undesirable gases – sulphur dioxide, carbon monoxide and nitrogen dioxide. Smokes emitted (sources to be stated). * Water pollution: Organic & inorganic industrial wastes and affluent discharge into rivers (sources to be mentioned).

h. Analyze the role of labour and market in establishing an industry.

Ans: To be discussed in detail - * Labour: People involved in both manufacturing and administration. Skilled and unskilled. * Market: Determines the location. Quick disposal of product, reduction of transport cost, cheaper rate. Ready market needed for perishable commodities.

10. On an outline map of **AFRICA** show the following with appropriate names and symbols. 5

- a. Drakensberg Mountains
- b. River Niger
- c. Mt. Kilimanjaro
- d. Kalahari Desert
- e. Lake Tanganyika

