

*273/1*  
*GEOGRAPHY*  
*Paper 1*  
*June 2019*  
*2<sup>1</sup>/<sub>2</sub>Hours*

## ST. JOSEPH OF NAZARETH HIGH SCHOOL

Senior **Four** Beginning of Term One Examinations

GEOGRAPHY

UGANDA CERTIFICATE OF EDUCATION

PAPER 1

*2<sup>1</sup>/<sub>2</sub>Hours*

### **INSTRUCTIONS:**

- This paper consists of **part I** and **II**
- Part I and **Section A** of part II are compulsory
- Answer only one question from section **B** of Part II
- Answer to all question **Must** be written in the answer booklets **provided**

## OBJECTIVES:

1. The Serengeti plains are kept as game reserves because
  - A. The soils are seriously eroded
  - B. There is very little water available
  - C. They are far from communication net-work
  - D. They are sparsely populated.
  
2. Which of the following characteristics are true of the E. African rift valley lakes?
  - A. Long, narrow and deep
  - B. Long, narrow and shallow
  - C. Wide, shallow and salty
  - D. Wide, deep and salty
  
3. The East African governments have paid much attention to the development of feeder roads because the roads
  - A. Are the main export routes?
  - B. Link production areas with processing plants
  - C. Link administrative centers with production areas
  - D. Enhance the supply of goods to the rural areas.
  
4. Mt. Kilimanjaro is an example of
  - A. A volcanic pug
  - B. An exposed batholith
  - C. A block mountain
  - D. A composite volcano
  
5. Which of the following rocks in East Africa are igneous
  - A. Obsidian and basalt.
  - B. Limestone and coal.
  - C. Quartz and granite
  - D. Sandstone and shale
  
6. Construction of valley dams in Karamoja is very difficult mainly because of
  - A. Porous soils
  - B. Seasonal rivers
  - C. Land lockedness
  - D. Sedimentation
  
7. Which one of the following features in East Africa was formed due to river deposition?

- A. Wind gap
  - B. Waterfall
  - C. Delta
  - D. Fjord
8. Soil erosion in the Kondoa district of Tanzania has mainly been caused by
- A. Seasonal rainfall
  - B. Overgrazing
  - C. Steep gradient
  - D. Shifting cultivation
9. Which of the following industries is found in Mombasa?
- A. Copper smelting
  - B. Oil refining
  - C. Motor vehicle assembling
  - D. Watch making
10. Which one of the following is a coastal landform?
- A. Spit.
  - B. Tarn
  - C. Crater
  - D. Arête
11. Which of the following is an in-land port?
- A. Lamu
  - B. Malindi
  - C. Mwanza
  - D. Tanga
12. The Mobuku irrigation scheme obtains its water from river
- A. Mpanga
  - B. Sebwe
  - C. Nyamugasani
  - D. Nyabisheke
13. Rail transport in East Africa is very important because it helps to
- A. Open up remote areas
  - B. Cheaply transport bulky goods
  - C. Quickly transport perishable goods
  - D. Open up areas for tourism
14. In Uganda, cotton is a major cash crop in

- A. Gulu
  - B. Mbale
  - C. Kapchorwa
  - D. Bushenyi
15. Landslides on Mt. Elgon can be reduced through the practice of
- A. Reforestation
  - B. Afforestation
  - C. Crop-rotation
  - D. Terracing
16. Crops that can best grow in Kitgum district in Northern Uganda are
- A. Cotton, millet and tea.
  - B. Millet, soya bean and cotton
  - C. Coffee, maize and beans
  - D. Millet, sorghum and rice.
17. Import substitution industries in East Africa are those which
- A. Process raw materials locally
  - B. Manufacture goods for export
  - C. Manufacture goods which should have been imported
  - D. Process raw materials and manufacture them locally
18. Which of these lakes is famous for mining?
- A. Lake Victoria
  - B. Lake Naivasha
  - C. Lake Magadi
  - D. Lake Rukwa
19. The main reason why Kampala is highly populated is because it
- A. Is a capital city
  - B. Is an administrative center
  - C. Has more employment opportunities
  - D. Has a high standard of living?
20. The steep slopes in Buganda are mainly used for
- A. Quarrying
  - B. Settlement
  - C. Grazing
  - D. Cultivation

21. Which of the following soils in East Africa is suitable for coffee growing?
- A. Acidic loamy
  - B. Alkaline sandy
  - C. Alkaline loamy
  - D. Acidic clayey
22. The main activity at Kawanda agricultural research station is to
- A. Educate farmers on improved methods of farming
  - B. Increase the amount of crops growing in the area
  - C. Experiment and improve on the yields of crops
  - D. Find where different types of crops can be grown.
23. An example of extractive industry in East Africa is
- A. Flour milling
  - B. Sugar-cane refining
  - C. Steel rolling
  - D. Copper mining
24. The formation of coral reefs at the coast of East Africa is a result of
- A. Volcanic activity
  - B. Deposition of the skeletons of polyps
  - C. Deposition of inorganic materials from land
  - D. Erosion of the coastal land, exposing the coral
25. Lake Victoria regions have high agriculture potential because of
- A. Heavy rainfall
  - B. Water transport for trade
  - C. Many processing industries
  - D. Dense population
26. Most rivers in Uganda pour their waters in the Central Basin because it is
- A. The center of Uganda
  - B. Saucer shaped
  - C. Occupied by Lake Victoria
  - D. Drained by river Nile
27. The Karamojong in North-Eastern Uganda practice pastoral farming because of
- A. Variation in rainfall distribution pattern
  - B. Unreliable rainfall
  - C. Seasonal variation in rainfall total
  - D. Little rainfall

28. The main reason for development of artificial forests in Uganda is for
- A. Timber production
  - B. Fuel production
  - C. Soil conservation
  - D. Paper making
29. Cooperative movements mainly help farmers to
- A. Carry out research
  - B. Control pests and diseases
  - C. Market their produce
  - D. Provide implements
30. The following pairs are volcanic mountains except
- A. Kenya, Longonot
  - B. Napak, Moroto
  - C. Rwenzori, Usambara
  - D. Kilimanjaro, Mufumbiro

## MAPWORK, PHOTOGRAPH INTERPRETATION, FIELD WORK AND EAST AFRICA

Answer **four** questions from part II, including questions 1 and 2 which are **compulsory**.

Using the map of East Africa 1: 50,000 (**UGANDA**) NAMWENDWA Sheet Y 732, sheet 62/2, Edition 1-U.S.D provided and answer the questions that follow

- a) State the grid reference of
  - i) Bukova borehole
  - ii) Road junction at Bulopa
  - iii) Air photo principal point north of Nawandagala
  
- b) State the features at
  - i) 590952
  - ii) 292049
  - iii) 307945
  
- c)
  - i) Calculate the distance of the Rail line from 300992 to Namwendwa station
  - ii) calculate the area of Nabisira and Lumbuye seasonal swamps north of northing 02.
  
- d) State the direction and bearing of Agricultural department at Kasaka from Naigobia Trading Center.
  
- e) Draw a sketch map of Namwendwa and on it mark and show
  - i) Transport routes
  - ii) Seasonal swamps
  - iii) Power transmission line
  - iv) District boundary.
  - v) Plantation
  - vi) Identify three human activities from the map provided.

## 2. COMPULSORY QUESTION: PHOTOGRAPH INTERPRETATION

Study the photograph provided below and answer the questions that follow



- a) Name the crop shown in the picture
- b) Identify the economic activity taking place in the photograph.
- c) Describe the conditions that favour the growing of the crop shown in the photograph
- d) Explain the
  - i) importance of the crop to the economy of any one country in East Africa.
  - ii) problems faced by the farmers growing the crop shown in the photograph.
- d) Giving reasons for your answer, suggest an area in east Africa where the photograph could have been taken.

### 3. FIELDWORK

For any fieldwork study, you have carried out either as an individual or as a group.

- a) State the
  - i) topic of study
  - ii) outline the objectives of the study
- b) Draw a line transect of the area studied and on it mark and label:
  - i) physical features
  - ii) human features
- c) Explain the problems you faced during fieldwork study.

## SECTION B; EAST AFRICA

Answer only **one** question from this Section

1. (a) Draw a sketch map of East Africa and on it mark and name;
  - (i) East African rift valley
  - (ii) Mountains; Rwenzori and Usambara
  - (i) Lakes; Naivasha and Rukwa
- (b) Describe the processes which were responsible for the formation of the East African rift valley.
- (c) Explain the benefits of the rift valley to the people of East Africa.
- (d) Outline the problems faced by the people living in the rift valley area of East Africa.

2. Study the climate statistics of Station Z found in East Africa and answer the questions that Follow:

### STATION Z: (Altitude 2150 m)

Month	J	F	M	A	M	J	J	A	S	O	N	D
Temp (°C)	24	24	25	24	23	22	21	21	22	24	24	24
R.F. (mm)	75	115	155	240	205	160	160	185	150	135	110	65

**Source: Minns. W.J (1993) A Geography of Africa, New Edition p.60.**

- (a) Draw a suitable graph to show the climate of station Z.
- (b) Calculate the:
  - (i) Mean annual rainfall.
  - (ii) Annual range of temperature for the station.
- (c) Describe the:
  - (i) characteristics of the climate experienced at the station.
  - (ii) economic activities which can be carried out in the area where the station is found.
- (d) Giving reasons for your answer, state the hemisphere in which the station is found.