

**273/1**  
**GEOGRAPHY**  
**Paper 1**  
**2020**

**COVID-19 TRIAL NUMBERS**

**Uganda Certificate of Education Geography**

**GEOGRAPHY**

**Paper 1**

**Use 30 mins per part**

**INSTRUCTIONS TO CANDIDATES:**

*This paper consists of part I and II*

*Part I and section A of part II are compulsory.*

*Answer ALL question from section B of part II*

*Answers to **all** questions must be written in the booklet provided.*

**PART I**

**Turn Over**

### OBJECTIVE- TYPE QUESTIONS (30 MARKS)

*There are 30 compulsory questions .Each question carries **one** mark.  
Answers to this part must be written on the answer booklet provided.*

1. Presence of clustered settlement patterns in Northern Uganda is attributed to;  
A. Political insecurity  
B. Strong family ties  
C. Cultural rigidity  
D. Communal land ownership
2. The method used in the mining of copper at Macalder in Kenya is  
A. Dredging  
B. Open cast  
C. Adit  
D. Placer.
3. Which of the following is a characteristic feature of Lake Ngozi.  
A. Generally large  
B. Elongated  
C. Roughly circular  
D. Steep scarps
4. Acidic lava has the following properties except;  
A. High silica content  
B. High viscous  
C. Highly mobile  
D. It is very thick
5. The chemical industries of Dar-es salaam have been mainly attracted by;  
A. Reliable water supply  
B. Adequate skilled labour  
C. Reliable power supply  
D. Large oil refinery.
6. Degazeltng of Bugala forests in Ssese islands was aimed at promoting the growing of;  
A. Tea  
B. Sugar canes  
C. Oil palm  
D. Pine trees
7. Bura irrigation scheme is located on river  
A. Galena  
B. Malagalas  
C. Tana  
D. Athi
8. Which one of the following explains best the problems faced by Nomadic pastoralists in North West Kenya?  
A. Frequent droughts  
B. Insufficient extension services  
C. Pastures are of low nutritive value  
D. Raids by neighbouring communities
9. The tearing away of frozen rocks from the bottom of glaciers is known as;

- A. Plucking
- B. Abrasion
- C. Thawing
- D. Basal sapping

10. The Tanzanian portion of lake Victoria has largest fish catch because it has ;
- A. most developed fishing methods
  - B. large number of fishing sites
  - C. large number of fishing population
  - D. longest shore line
11. The redesigning of the Uganda railway into a standard gauge is aimed at;
- A. speeding up movement of goods
  - B. strengthening regional cooperation
  - C. promoting inter territorial trade.
  - D. promoting the railway network to international levels
12. Which one of the following is an industrial raw material extracted from mangrove tress
- A. Pulp
  - B. Gum
  - C. Raffia
  - D. Tannin
13. Which one of the following power resources are likely to be used in future for industrial development.
- A. Hydro electricity
  - B. Thermal
  - C. Geo-thermal
  - D. Nuclear
14. Which **one** of the following is the largest industrial establishment in Kisumu?
- A. Petroleum refining
  - B. Cement works
  - C. Motor vehicle assembly
  - D. Leather tanning
15. The major threat to wildlife conservation in Semlik National park is
- A. scarcity of animals
  - B. poaching of animals
  - C. frequent earth quakes
  - D. grazing of livestock
16. Which of the following soil characteristics determines the ease with which soils in East Africa are cultivated
- A. Soil texture
  - B. Soil structure
  - C. Soil permeability
  - D. Soil aeration.
17. The major effect of rice growing in the wetlands of Eastern Uganda is

- A. Silting of the river valleys
  - B. Lowering of the water table
  - C. Destruction of wild life habitats
  - D. Spreading of Bilharzia disease
18. Which one of the following measures have been used in the control of mass wasting in road constructed hilly areas.
- A. Afforestation
  - B. Use of gabions
  - C. Construction of bunds
  - D. Strip ploughing
19. Kiige fruit farms in Eastern Uganda obtains its water from River.
- A. Nabigaga
  - B. Malaba
  - C. Sironko
  - D. Nabitokolo
20. A mineral used as a raw material in the manufacture of cement in East Africa is ;
- A. Kaoline
  - B. pumice
  - C. wolfarm
  - D. fluorspar
21. The development of Bukoba into an industrial town is mainly due to;
- A. Availability of skilled manpower
  - B. Presence of developed transport links
  - C. Heavy capital investment
  - D. Proximity to a rich agricultural hinterland .
22. The construction road by- passes in Uganda has greatly led to the decline of ..... town
- A. Jinja
  - B. Masaka
  - C. Mpigi
  - D. Kampala
23. Industrial pollution at Webuye in western Kenya is attributed to the processing of
- A. Minerals
  - B. Wood
  - C. Hides
  - D. Cotton
24. Tropical rainforests in East Africa can best be preserved through;
- A. Afforestation
  - B. Population control
  - C. Fencing of forests
  - D. Arresting forest enchroachers
25. The major crop grown along the railway line in Morogoro is
- A. Coconuts
  - B. Sisal
  - C. Oil pal
  - D. Cotton.
26. The most common and effective methods of controlling soil erosion in areas of Central Uganda is

- A. Inter cropping
- B. Bush fallowing
- C. Mulching
- D. Terracing

27. The distribution of farming systems in East Africa has been mainly influenced by;

- A. Drainage
- B. Climate
- C. Soils
- D. Culture

28. Re afforestation program in East Africa is mainly for;

- A. Conserving the environment
- B. Promoting eco- tourism
- C. Providing wood fuel
- D. Promoting rainfall formation

29. The main problem affecting water transport on lake Albert is

- A. Dangerous aquatic animals
- B. Water piracy
- C. Strong winds
- D. Territorial conflicts

30. Geothermal power plant established South of lake Turkana is

- A. Kora
- B. Olkaria
- C. Longnot
- D. Olobosat

## **PART II**

**MAPWORK, PHOTOGRAPHIC INTERPRETATION, FIELD WORK  
AND EAST AFRICA.**

*Answer **four** questions from part **II** including question **1, 2 and 3** which are **compulsory***

**SECTION A**

**COMPULSORY QUESTION: MAP WORK (20 MARKS)**

*Answer **all** parts of this question*

1. Study the map extract 1:50,000 (Uganda) lake Nakivali Series Y732, part of sheet 86/4 , Edition 4 – U.S.D and answer the questions that follow;
  - a) State the grid reference of the ;
    - i) Kankingi sport height (round level) 5193 *(1 mark)*
    - ii) Kalunguru road junction *(1 mark)*
  - b) Identify the;
    - i) Physical feature found at GR 621008 *(1 mark)*
    - ii) Man made feature found at GR 729045 *(1 mark)*
  - c)
    - i) Measure and state in meters, the straight line distance of the main tract (motorable) off Kibengo- Musirira dry weather road *(2 marks)*
    - ii) Calculate the average height of lake Nakivali map extract. *(2 marks)*
  - d) Draw a sketch map of lake Nakivali map extract between Easting 60-70 and Northing 00-10 and on it , mark and name;
    - i) Communication routes
    - ii) Drainage features
    - iii) Vegetation types
    - iv) Relief regions *(8 marks)*
  - e) Describe the relationship between relief and communication in the area shown on the map extract. *(4 marks)*

**PHOTOGRAPHIC INTERPRETATION COMPULSORY (15 MARKS)**

Answer **all** parts of this question.

2. Study the photograph provided below and answer the questions that follow;



- a) Draw a landscape sketch of the area shown on the photograph and on it, mark and name:
- i) Communication route
  - ii) Drainage feature
  - iii) Crop land
  - iv) Bridge
  - v) Ridge
- (5 marks)*
- b) With evidence, describe the factors that have favoured the establishment of the type of transport shown in the photograph. *(4 marks)*
- c) Explain the benefits of the transport route shown in the photograph to the people living in this area. *(4 marks)*
- d) Giving reasons for your answer, suggest **one** area in East Africa where this photograph could have been taken. *(2 marks)*

**FIELD WORK COMPULSORY QUESTION (15 MARKS)**

*Answer all parts of this question.*

3. With reference to any one field work study you have conducted on either a slope or a small scale farm;
- a) State the;
    - i) Topic of study (1 mark)
    - ii) Objective of the study (2 marks)
  - b) Describe any **two** activities you carried out during the field study. (4 marks)
  - c) Explain the relationship between the physical environment and land use types in the area studied. (6 marks)
  - d) Explain the follow up activities that you carried out. (2 marks)

**SECTION B (20 MARKS @ number)**  
**EAST AFRICA**

*Answer ALL questions from this section*

4. a) Draw a sketch map of East Africa and on it mark and label;
  - i) Lakes : Kwania , Logipi and Bunyonyi
  - ii) Rivers : Turkwel, Kagera and Tana
  - iii) Swamps Loriam, Katonga and Malagalasi (9 marks)
- b) Describe the process which has led to the formation of any one lake in (a) (i) above (4 marks)
- c) Explain the economic benefits of lakes in East Africa (4 marks)
- d) Outline the problems facing the use of water resources in East Africa. (3 marks)
5. a) Draw a sketch map of Uganda and on it, mark and label;
  - i) any three natural forests
  - ii) any two planted forests (5 marks)
- b) Describe the factors that have influenced the distribution of Natural forests in Uganda. (6 marks)
- c) Explain the importance of the forest sector to the people of Uganda (6 marks)
- d) Outline the factors responsible for the rapid depletion of forests in Uganda. (3 marks)
6. a) Identify any two;

- i) glacial erosional  
ii) depositional  
features in East Africa (4 marks)
- b) Describe the processes which have led to the formation of any one glacial erosional features named in (a) i) above (5 marks)
- c) Explain the value of glaciated regions to the people of East Africa. (6 marks)
- d) Outline the limiting factors for widespread glaciers in East Africa. (5 marks)

7. Study the table below of the relative industrial production in Kenya(1987) and answer the questions that follow;

Product	Quantity produced (0/0)
Cement	14.5
Copper	9.3
Salt	23.1
Beverages	38.3
Dairy	14.8
<b>Total</b>	<b>1,339,200</b>

*Adopted from, 1987 Africa Development Indicator, The World Bank pp92-100.*

- a) Calculate the;
- i) relative importance of copper production (1 mark)
- ii) production value of Beverages in tonnes in Kenya in 1987. (1 mark)
- b) Draw a pie chart to show the relative importance of Kenya's production in 1989 (8 marks)
- c) Explain the conditions favouring industrial production in Kenya (6 marks)
- d) Outline the problems faced by the industrial sector of East Africa. (4 marks)

*Do this work individually. Attempt all numbers except the map work number.*

- *I request each one of you to time oneself*
- *Attempt all numbers in section B*
- *Consulting the book means cheating oneself*
- *Forward your work to 0703442054 (WhatsApp) for review (optional)*

*Best regards*

*Arnold Paul M*