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**GEOGRAPHY**

Paper 1

Jul/Aug.2023

2½ hours



**GEOGRAPHY TEACHERS' NETWORK (GTN)**

**Uganda Certificate of Education**

**GEOGRAPHY**

**Paper 1**

**2 hours 30 minutes**

**INSTRUCTIONS TO CANDIDATES:**

*This paper consists of parts I and II.*

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

*Answer only **ONE** question from section B of part II.*

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

*Any additional question(s) attempted will not be marked.*

**PART I**  
**OBJECTIVE TYPE QUESTIONS**  
*There are 30 compulsory questions*

**PART I**  
**OBJECTIVE TYPE QUESTIONS (30 MARKS)**

1. The resultant rock formed when shale is subjected to intense pressure is called
  - A. Gneiss
  - B. Anthracite
  - C. Slate
  - D. Quartzite
2. Which one of the following factors is mainly responsible for dense population on the coast of East Africa?
  - A. Fertile soils
  - B. Reliable rainfall
  - C. Presence of industries
  - D. Trade opportunities
3. The residual hills on the Nyika plateau in Kenya have resulted from external process of
  - A. deposition
  - B. erosion
  - C. transport
  - D. aggradation
4. The improvement in the quality of dairy breeds in East Africa has mainly resulted from.
  - A. better pastures
  - B. adequate water supply.
  - C. careful selection of breeds
  - D. use of artificial insemination
5. The extensive loss of forest vegetation on the major islands on Lake Victoria has been mainly caused by.
  - A. extensive cultivation
  - B. expansion of settlement
  - C. need for firewood in home
  - D. demand for fishing boats

6. Which one of the following factors has greatly contributed to the development of Webuye as an industrial centre?
  - A. Improved transport network
  - B. Developed forestry sector
  - C. Large skilled color force
  - D. Presence of investors in the area.
7. Which one of the following is a major tourist attraction at Malindi Marine National Park?
  - A. Beautiful mountains
  - B. Magnificent water falls
  - C. White sandy beaches
  - D. Cultural traditions
8. Onion peeling is a weathering process that has resulted into the formation of
  - A. Granite tors
  - B. Exfoliation domes
  - C. Earth pillars
  - D. Rock pedestals.
9. The greatest problem affecting the development of tourism in Kidepo valley national park is
  - A. unfriendly people
  - B. hot temperatures
  - C. widespread famine
  - D. remoteness of the area.
10. Which one of the following is a volcanic mountain?
  - A. Mathiew
  - B. Nyiru
  - C. Ngorongoro
  - D. Uluguru
11. The north western slopes of mountain Elgon experience heaviest rainfall in August due to the influence of
  - A. local winds
  - B. higher altitude
  - C. nature of relief
  - D. forest vegetation

12. The greatest factor hindering the expansion of railway transport in Uganda is
- A. Low level of resource exploitation
  - B. Shortage of skilled labour force
  - C. inadequate funds in the transport sectors
  - D. Steep terrain in some areas of the region.
13. Which one of the following feature is characteristic of a river in its senile stage?
- A. Levee
  - B. Pot hole
  - C. Rapids
  - D. Interlocking spur.
14. The low agricultural productivity in the Eastern plateau of East Africa is largely due to.
- A. labour shortage
  - B. infertile soils
  - C. inadequate capital
  - D. presence of wild animal
15. Wetlands in Eastern Uganda are being destroyed mainly due to the need for
- A. cultivation of food crops
  - B. transport development
  - C. expansion settlement
  - D. creation of market
16. The most important significance of wildlife to the development of east Africa countries is.
- A. provision of employment
  - B. source of foreign income
  - C. development of infrastructure
  - D. promotion of bilateral relations.
17. The modification of the equatorial climate in East Africa is mainly due to the influence of.
- A. altitude
  - B. relief
  - C. vegetation cover
  - D. prevailing winds.
18. The slow expansion of East Africa industrial sector is mainly a result of



- A. poor transport infrastructure
  - B. low electricity penetration
  - C. limited supply human capital
  - D. protection policy of the government.
19. Which one of the following economic sectors in East Africa has greatly benefited from air transport?
- A. Agriculture
  - B. Industrialization
  - C. Mining
  - D. Tourism
20. The biggest problem threatening the fishing grounds in eastern and western Uganda is
- A. prolonged drought
  - B. use of illegal fishing gear
  - C. limited commercial fish species
  - D. pearly development means of transport
21. The growth of scrub vegetation in East Africa has mainly been favoured by
- A. soil fertility
  - B. hot temperatures
  - C. low rainfall
  - D. poor drainage.
22. The Miombo woodland in Southern Tanzania are effectively used for
- A. lumbering
  - B. firewood collection
  - C. crop cultivation
  - D. honey collection
23. Which one of the following reasons best explains why rift valley areas in east Africa experience hot temperature?
- A. Dominance of Grass Vegetation
  - B. Effect of Altitude of the area
  - C. Absence of Water Bodies
  - D. Influence of Rain Shadow Effect

24. The most endangered wildlife species among the group below is
- A. Chimpanze
  - B. Zebra
  - C. Black Rhino
  - D. Wild Dog
25. The major cause of arid conditions experienced in north eastern Kenya is
- A. limited water bodies
  - B. prevalence of dry winds
  - C. poor farming practices
  - D. effect of continentality
26. The greatest problem facing gold miners in east Africa is
- A. low technology
  - B. limited capital
  - C. small mineral deposits
  - D. poor state of the mines
27. Alkaline soils in east Africa have greatly promoted the growth of
- A. Cotton
  - B. Banana
  - C. Maize
  - D. D. Tea
28. Which one of the following stations in east Africa experiences well distributed rainfall?
- A. Lodwar
  - B. Bukoba
  - C. Tabora
  - D. Mombasa
29. The high rate of population growth in east Africa's urban areas is mainly caused by
- A. high fertility rate
  - B. rural urban migration
  - C. low death rate
  - D. better health service
30. The location of commercial banks in east Africa is greatly determined by the availability of
- A. developed transport
  - B. better security
  - C. ready market

D. skilled labour

## PART II

### MAPWORK PHOTOGRAPHIC INTERPRETATION FIELDWORK AND EAST AFRICA

Answer four questions from Part II including questions 1, 2 and 3 which are compulsory.

#### SECTION A

#### 1. COMPULSORY QUESTION MAPWORK (20MARKS)

Study the EASTAFRICA 1:50,000 UGANDA BULISA MAP EXTRACT

Part of sheet 29/4 series Y732 Edition 3 USD and answer the questions that follow.

- a) i) State the grid reference of the river confluence in grid square 28 45 (01mark)
- ii) Name the man-made feature at grid reference 208 344 (01mark)
- b) State the bearing of the Post Office at Bulisa GR(232344) from the Bore hole at Kibambura GR(292364) (02marks)
- c) Draw a sketch map of the area shown on the map and on it mark and name
  - i. three relief features
  - ii. lake Albert
  - iii. permanent and seasonal swamps
  - iv. major transport routes (06marks)
- d) Giving evidence
  - i. suggest ways through which the people living in the area may earn a living (06marks)
  - ii. outline the problems faced by the people living in the area. (04 marks)



## 2. COMPLUSORY PHOTOGRAPH INTERPRETATION QUESTION (15MARKS)

Study the photograph provided and answer questions that follow





- a) Draw a landscape sketch of the area shown on the photograph and on it mark and name
  - i. Vegetation types
  - ii. A degraded area
  - iii. Position of the workers
  - iv. Tools used in the activity (04marks)
- b) Giving evidence from the photograph describe how the natural resources have favoured the economic activity in the middle ground (06marks)
- c) Explain the benefits of the economic activity to the people living in the area (04marks)
- d) Giving reasons for your answer suggest an area in East Africa where the photograph could have been taken (01mark)

### 3. **COMPULSORY FIELD WORK QUESTIONS (15MARKS)**

For any one field work you have conducted as an individual or a group

- a) State the
  - i. Topic of the study 1mark
  - ii. Objectives of the study 02marks
- b) Draw a cross section of the area studied and on it mark and name
  - i. two natural resources 02marks
  - ii. two land use types 02marks
- c) Explain the effect of land use activities on the environment in the area studied 04marks
- d) What recommendations did you suggest after the study 04marks

## SECTION B. EAST AFRICA (20MARKS)

### ANSWER ONLY ONE QUESTION FROM THIS PARTS

4. a) Draw a sketch map of East Africa and on it mark and name
- two areas of dense population density
  - an area of low population density
  - Mt Kenya
  - Lake Rudolf (06marks)
- b) Describe the causes of the high population density in any one area shown on the map. (06marks)
- c) Explain the impact of the large population on the natural resources in East Africa (06marks)
- d) Outline the measures being taken by the East African countries to overcome problems brought about by large populations. (02marks)
5. Study the table below showing the total number of tourists who visited Uganda between 2014 and 2017 and answer the questions that follow:

COUNTRY	NUMBER OF TOURISTS			
	2014	2015	2016	2017
UNITED KINGDOM	36,500	40,800	39,500	39,400
UNITED STATES OF AMERICA	60,200	49,400	57,900	61,700
CHINA	14,600	17,000	19,100	16,800

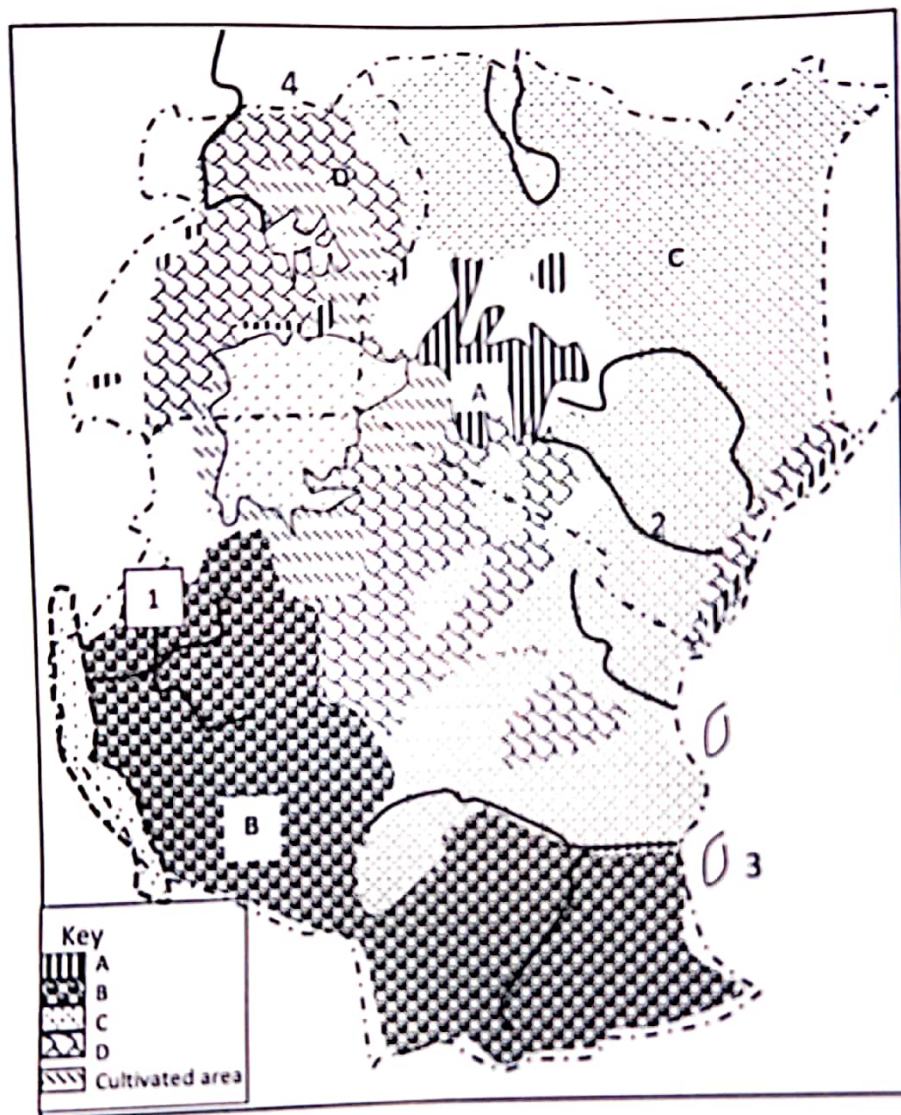
*Source: Uganda statistical abstract 2018.*

- a) Draw a line graph to represent the total number of tourist who visited Uganda from United Kingdom and United States of America (06marks)
- b) Describe the factors which have led to fluctuations in the numbers of tourists visiting East Africa countries (06marks)
- c) Explain the strategies being taken by the East African countries to improve the tourist sector. (06marks)



d) Name any two destinations for the tourists visiting western Uganda.(02marks)

6. Study the map of East Africa provided and answer the questions that follow.



a) Name the;

- i. Natural vegetation types marked ABCD
- ii. Rivers marked 1 and 2
- iii. Island marked 3
- iv. Country marked 4

(04marks)

b) Describe the factors which have favoured the growth of the vegetation in region marked

- i. A
- ii. C

(08marks)

c) Explain the effect of vegetation destruction on the environment in East Africa.

- (06marks)
- d) Outline steps being taken by East Africa government to conserve vegetation. (02marks)
7. a) Distinguish between land transport and water transport. (04marks)
- b) Describe the factors favoring the development of land transport in East Africa. (08marks)
- c) Explain the value of transport in the development of East Africa. (04marks)
- d) Outline the challenges facing land transport in East Africa. (04marks)

**END**