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GEOGRAPHY
Paper 1
AUGUST, 2023
2 hours 30 minutes



JINJA JOINT EXAMINATIONS BOARD

Uganda Certificate of Education

MOCK EXAMINATIONS – AUGUST, 2023

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 booklets provided

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Turn Over
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PART I

OBJECTIVE-TYPE QUESTIONS (30 MARKS)

These are 30 compulsory questions. Each question carries one mark.

Answers to this part must be written in the answer booklet provided.

1. The highlands of East Africa are densely populated mainly because of
 - A. High fertility rates
 - B. Cool temperatures
 - ☒ C. Heavy rainfall totals
 - D. Improved road network
2. The major problem faced by farmers in Kigezi highlands is
 - A. Limited capital
 - ☒ B. Under developed transport
 - C. Severe soil erosion
 - D. Pests and diseases
3. The greatest problems facing nomadic pastoralists in East Africa is
 - A. Cattle rustling and limited skilled labour
 - ☒ B. Poor animal breeds and limited transport
 - C. Shortage of pastures and shortage of water
 - D. Limited market and tsetse flies
4. The major problem facing kampala city is
 - A. Shortage of accommodation
 - ☒ B. Traffic jam
 - C. Highway robbery
 - D. Flooding
5. The instrument used to measure the amount of water vapour in the atmosphere is known as
 - A. Anemometer
 - ☒ B. Hygrometer
 - ☒ C. Hydrometer
 - D. Agrometer
6. The major factor limiting industrial expansion in East Africa is
 - A. Narrow market
 - B. Land shortage
 - ☒ C. Limited capital
 - D. Shortage of raw materials

7. The most important factor that has encouraged sugarcane out growers in East Africa is the
- A. Availability of developed loans
 - B. Good prices given for sugarcane
 - C. Cheap transport
 - ☒ D. Plenty of land for sugarcane growing
8. Railway transport in East Africa is very important because it helps to
- A. Open up remote areas
 - ☒ B. Cheaply transport bulky goods
 - C. Open up areas for tourism
 - D. Cheaply transport passengers
- ☒ 9. Soil erosion in kondo district of Tanzania has mainly been caused by
- A. Seasonal rainfall
 - B. Steep gradient
 - C. Over grazing
 - D. Over cultivation
10. Which of the following features in East Africa was formed due to river deposition?
- A. Wind gap
 - B. Waterfall
 - C. Fiord
 - ☒ D. Delta
11. The most common types of fish caught on Lake Tanganyika is
- A. Dagaa
 - ☒ B. Cod
 - C. Tilapia
 - D. Nile perch
12. River transport in East Africa is not well developed mainly because most rivers have
- ☒ A. Shallow valleys
 - B. Water falls
 - C. Meanders
 - D. Suspended boulders
13. Afforestation programs in East Africa are mainly intended to
- ☒ A. Conserving the environment
 - B. Promoting eco-tourism
 - C. Providing fuel wood
 - D. Controlling soil erosion

14. Which of the following landing sites is found on Lake Edward?
- A. Butiaba
 - ☒ B. Musoma
 - C. Rwampanga
 - D. Rwenshama
15. Lateritic soils in East Africa developed as a result of
- A. Sedimentation
 - B. Exfoliation
 - C. Water-logging
 - ☒ D. Leaching
16. Exotic tree species have been introduced in East Africa mainly because they
- A. Are more valuable
 - ☒ B. Have soft timber
 - C. Are more resistant to drought
 - D. Mature faster
17. The East African countries predominantly export
- ☒ A. Fish products
 - ☒ B. Mineral products
 - C. Agricultural products
 - D. Forestry products
18. Which of the following rocks is formed from animal remains?
- A. Coal
 - B. Sandstone
 - C. Boulder clay
 - ☒ D. Coral limestone
19. Savannah grasslands in East Africa are mainly used for
- A. Nomadic pastoralism
 - B. Charcoal burning
 - C. Bee-keeping
 - ☒ D. Hunting
20. The major problem affecting the development of the tourist industry in East Africa is
- A. Destruction of wild life
 - B. Poor hotel management
 - ☒ C. Poor road network
 - D. Hostile tribes

21. The major factor favoring horticulture in East Africa is mainly because of
- A. High prices
 - B. Quick transport
 - C. High labour costs
 - ☒ D. Availability of ready market
22. The main factor attracting people to urban centers in East Africa is
- ☒ A. Modern social services
 - B. Employment opportunities
 - C. A variety of goods
 - D. Good housing facilities
23. Which of the following is the major problem affecting Uganda's export trade
- A. The quota system
 - B. Price fluctuations
 - ☒ C. Poor quality goods
 - D. Political instability
24. Which of the following activities is mainly the major cause of forest destruction in East Africa
- A. Lumbering
 - B. Road construction
 - ☒ C. Farming
 - D. Wood fuel
25. Which of the following human activities is the major threat to wetlands in East Africa?
- A. Mining and quarrying
 - B. Livestock grazing
 - ☒ C. Industrialization
 - D. Cultivation
26. Which of the following coastal feature is formed due to wave deposition?
- A. Sand bar
 - B. Arch
 - ☒ C. Stack
 - D. Geo
27. Bwindi impenetrable forest National Park is visited by tourists mainly because of its;
- A. Baboons
 - B. Monkeys
 - C. Chimpanzees
 - ☒ D. Gorillas

28. The most common method of fish preservation used in East Africa is

- ☒ A. Smoking
- B. Salting
- C. Sun drying
- D. Freezing

29. Physical weathering is common in Northern Kenya mainly due to

- A. Flat relief
- ☒ B. A variety of rocks
- C. Scanty vegetation
- D. Arid climate

30. The major mineral exported by Tanzania is

- A. Coal
- ☒ B. Gold
- C. Iron ore
- D. Diamond

PART II

MAP WORK, PHOTOGRAPHIC INTERPRETATION, FIELD WORK AND EAST AFRICA

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

SECTION A

1. COMPULSORY QUESTION: MAP WORK (20 MARKS)

Study the EAST AFRICA 1: 50,000 (UGANDA) BULISA Map extract, part of sheet 29/4 series Y732 Edition 3-U.S.D.

- a. (i) state the grid reference of the borehole at Kibambura (01 mark)
- (ii) Name the drainage feature at grid reference 288453 (01 mark)
- b. Measure and state the;
 - (i) The area covered by Lake Albert (02 marks)
 - (ii) Distance covered by the loose surface road from paraa to Butiaba and Masindi. (02 marks)
- c. Draw a cross section of Bulisa from grid reference 280480 to 290420 and on it mark and Name
 - (i) Victoria Nile River
 - (ii) Permanent swamp
 - (iii) Stream
 - (iv) Boundary
 - (v) Transport routes (07 marks)

d. Using evidence from the map extract;

- (i) Outline the problems facing the people living around Bulisa. (03 marks)
- (ii) Describe the relief of the area shown on the map extract. (04 marks)

2. **COMPULSORY PHOTOGRAPHIC INTERPRETATION QUESTION**
(15 MARKS)

Study the photograph provided below and answer the questions that follow



- a) Draw a landscape sketch of the photograph and on it mark and Name
 - (i) Relief regions
 - (ii) Vegetation types
 - (iii) Settlement
 - (iv) Water body (06 marks)
- b) (i) Identify the type of photograph (01 mark)
- (ii) State the economic activity in the foreground of the photograph. (01 mark)
- c) Describe the conditions which have favored the economic activity in b(i) above. (03 marks)
- d) (i) Explain the importance of the economic activity in b(ii) to people. (03 marks)
- (iii) Suggest an area in East Africa where the photograph could have been taken. (01 mark)

(15 Marks)

3. COMPULSORY FIELD WORK QUESTION**Answer all parts of this question**

For any fieldwork study you have conducted either as a group or as an individual

a. State the;

(02 marks)

(i) Topic of study.

(02 marks)

(ii) Objectives of study.

b. Draw a transverse section of the area studied and on it mark and name the;

(i) Physical features.

(05 marks)

(ii) Land use types.

c. Explain the influence of physical features on land use activities in the area studied.

(03 marks)

d. Describe the activities you did before carrying out the field work study.

(03 marks)

SECTION B: EAST AFRICA (20 Marks)**Answer one question from this section**

4. Study the table below showing number of tourists who visited East Africa for the selected years.

Year	Number of tourists
2019	872,472
2020	121,541
2021	184,750
2022	483,471
Projected (2025)	923,500

a) Draw a line graph to show the number of tourists who visited East Africa (06 marks)

b) Calculate the percentage change in number of tourists who visited East Africa

(i) 2019 and 2021

(04 marks)

(ii) 2020 and 2022

c) Describe the conditions leading to the trend in the number of tourists who visited East Africa.

(04 marks)

d) Explain the importance of the tourism sector in East Africa.

(06 marks)

5. a) Draw a sketch map of East Africa and on it mark and name

(i) Mining centers: shinyanga, kasese and Bamburi.

(ii) Inland ports: port Bell, Mwanza and Kisumu.

(iii) Mountains: Kirimanjaro and Kenya.

marks)

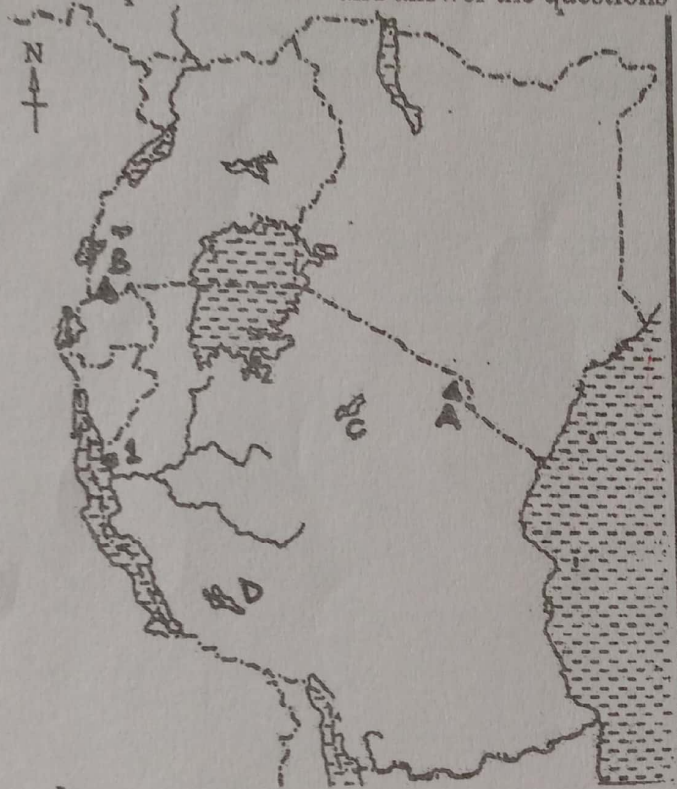
(09

b) Describe the human factors that have favored mining in East Africa. (03 marks)

c) Explain the problems resulting from the mining sector on the environment in East Africa. (05 marks)

d) Outline the steps being taken to solve the problems in (c) above. (03 marks)

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



(a) Name the:

(i) Mountains marked A and B

(ii) Lakes marked C and D

(iii) Ports marked 1 and 2

(06 marks)

b) Describe the processes which were responsible for the formation of any one mountain in (a) (i) above. (05 marks)

c) State the benefits of mountains to the people of East Africa. (05 marks)

d) Outline the problems faced by people living in areas near mountains in East Africa. (04 marks)

- ~~6.~~ (a) Distinguish between population distribution and population density. (04 marks)
- b) Name any one area in East Africa with
- (i) Rapid population growth. (02 marks)
- (ii) Sparse population density. (06 marks)
- c) Explain the factors responsible for rapid population growth in one of the areas named in (b) (i) above. (05 marks)
- d (i) outline the problems faced by people living in areas of rapid population growth. (03 marks)
- (ii) Suggest measures that should be taken to solve the problems mentioned in (d) (i) above.