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GEOGRAPHY
PAPER 1
23rd July 2014
2 ½ hours

ENTEBBE JOINT
EXAMINATION BUREAU
Uganda Certificate of Education
GEOGRAPHY

Paper 1

2 hours 30 minutes

INSTRUCTIONS TO CANDIDATES: The
paper has two Parts: Part I and Part II Part I has
objective questions.

Attempt all questions.

Part II has two Sections: Section A is compulsory.

Choose one question from Section B.

PART I: 30 MARKS

OBJECTIVE TYPE QUESTIONS

1. Turkana land of Northern Kenya is arid mainly due to
 - A. Over grazing
 - B. Prevailing winds
 - C. Bush burning
 - D. Deforestation

2. The following are igneous rocks except;
 - A. Granite
 - B. Diorite
 - C. Gabbros
 - D. Slate

3. Total land by a country's total is also population .
 - A. Distribution
 - B. Explosion
 - C. Density
 - D. Census

4. Which of the following is not a primary industry?
 - A. Agriculture
 - B. Tourism
 - C. Mining
 - D. Manufacturing

5. Nakasongola sanctuary in Uganda was established to protect the endangered what?
 - A. Flamingos
 - B. White rhinos
 - C. Gorillas
 - D. Chimpanzees

6. The process of chemical weathering most common in limestone areas of East Africa is
 - A Carbonation
 - B. Hydration
 - C. hydrolysis
 - D. Oxidation

Turn Over

7. The type of soil erosion that involves a uniform removal of soil layers is
- Splash
 - Gully
 - Rill
 - Sheet
8. A vegetation type with trees of about 5- 10 metres high is .
- Savannah
 - Semi desert
 - Equatorial
 - Montane
- 9..... is an atmospheric condition in which warm temperatures overlies cold temperatures.
- Adiabatic lapse rate
 - Temperature variation
 - Temperature inversion
 - A front
10. Which of the following features is not a marine fishing port?
- Lambu
 - Malindi
 - Lamu
 - Mtwara
11. R. Athi is a tributary of river
- Rufiji
 - Tana
 - Galana
 - Pangani
12. are lines drawing places of equal cloud cover.
- Isohyets
 - Isohels
 - Isotherms
 - Isonephs
- 13.....The downhill movement of weathered withered debris and rock materials under the influence of gravity is
- Leaching
 - Soil erosion
 - Weathering
 - Mass wasting
14. The agro - forestry system that involves the cultivation and management of trees is .
- Epiculture
 - Silviculture
 - Aquaculture
 - Horticulture

15. Which one of the following is a wild life conservation areas where legal hunting is accepted?

- A. National park
- B. Game reserve
- C. Sanctuary
- D. Zoo

16. Kilombero irrigation scheme in Tanzania is mainly drowned b) river .

- A. Rufiji
- B. Malagasy
- C. Great Ruaha
- D. Ruvuma

17. Many water falls in East Africa are formed where a river flows .

- A. Out of a lake
- B. Over a resistant rock
- C. Into the sea
- D. Through a gorge

18. Temperature variation due to a change in altitude is called .

- A. Air temperature
- B. Lapse rate
- C. Fertility rate
- D. Growth rate

19. is the difference between !WO closest contours on a map.

- A. Amplitude
- B. Vertical elevation
- C. Vertical interval
- D. Vertical exaggeration

20. Kibo volcanic peak is found on mountain

- A. Moroto
- B. Elgon
- C. Kenya
- D. Kilimanjaro

21. The most common method of mining used at the Mwadui Diamond mines is

- A. Open cast
- B. Adit
- C. Dredging
- D. Drilling

22 Which one of the following best describes the arrangement of natural vegetation along Mount Elgon?

- A. Savannah, bamboo, rainforests, heath
- B. Bamboo, savannah, rainforests, heath
- C. Savannah, rainforest, bamboo, heath
- D. Rainforest, savannah, bamboo, heath

23. The process of soil formation responsible for the formation of laterites in East Africa is

- A. Podzolisation
- B. Gleization
- C. Laterization
- D. Leaching

24. Which one of the following invisible exports does Uganda sell to Kenya?

- A. Maize
- B. Tourism
- C. Electricity
- D. Wheat

25. The following industries are found at Mtwara except: A. Chemicals

- B. Food processing
- C. Engineering
- D. Mineral processing

26.is the most common settlement pattern in remote areas of East Africa.

- A. Clustered
- B. Scattered
- C. Planned
- D. Linea

27. Namasale port is found on lake.....

- A. Edward
- B. Albert
- C. Kyoga
- D. Victoria

28. Which one of the following areas mainly grows Tobacco?
- A. Iringa
 - B. Zanzibar
 - C. Kitui
 - D. Kumi
29. game reserve in Uganda is found along the Albert Nile.
- A. Matheniko
 - B. Achwa + Lolirn
 - C. Bokora corridor
 - D. Katonga
30. Which of the following pairs of minerals are non - metallic?
- A. Tin and Zinc
 - B. Lead and Gold
 - C. Silver and Copper
 - D. Sulphur and Phosphates

PART II

MAP WORK, PHOTOGRAPHIC INTERPRETATION, AND FIELD WORK

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

SECTION A

COMPULSORY QUESTION:MAPWORK(20Marks)

Answer all parts of this question.

1.Study the **1: 50,000 (UGANDA) NAMWENDWA** map extract series Y732, part of sheet 62/2 edition 1 - U.S.D and answer the questions that follow;

(a)Identify the feature at grid reference:

i) **371009**

(ii) **443026**

(02 marks)

(b) State the grid reference of

(i) road junction at Naigobia.

(ii) Reservation Nalusi seasonal swamp. (02 marks)

(c) (i) Calculate the vertical interval used on the map extract. (02 marks)

(ii) Identify any **two** counties shown in the area map extract shown on the (02 marks)

(d)Draw a relief section of the area shown on the map from grid reference **280926** and **336977** and on it mark and name:

(i) A dry weather road

(ii) Seasonal swamps.

(iii) A political boundary.

(iv) Footpaths

(v) Rivers.

(08 marks)

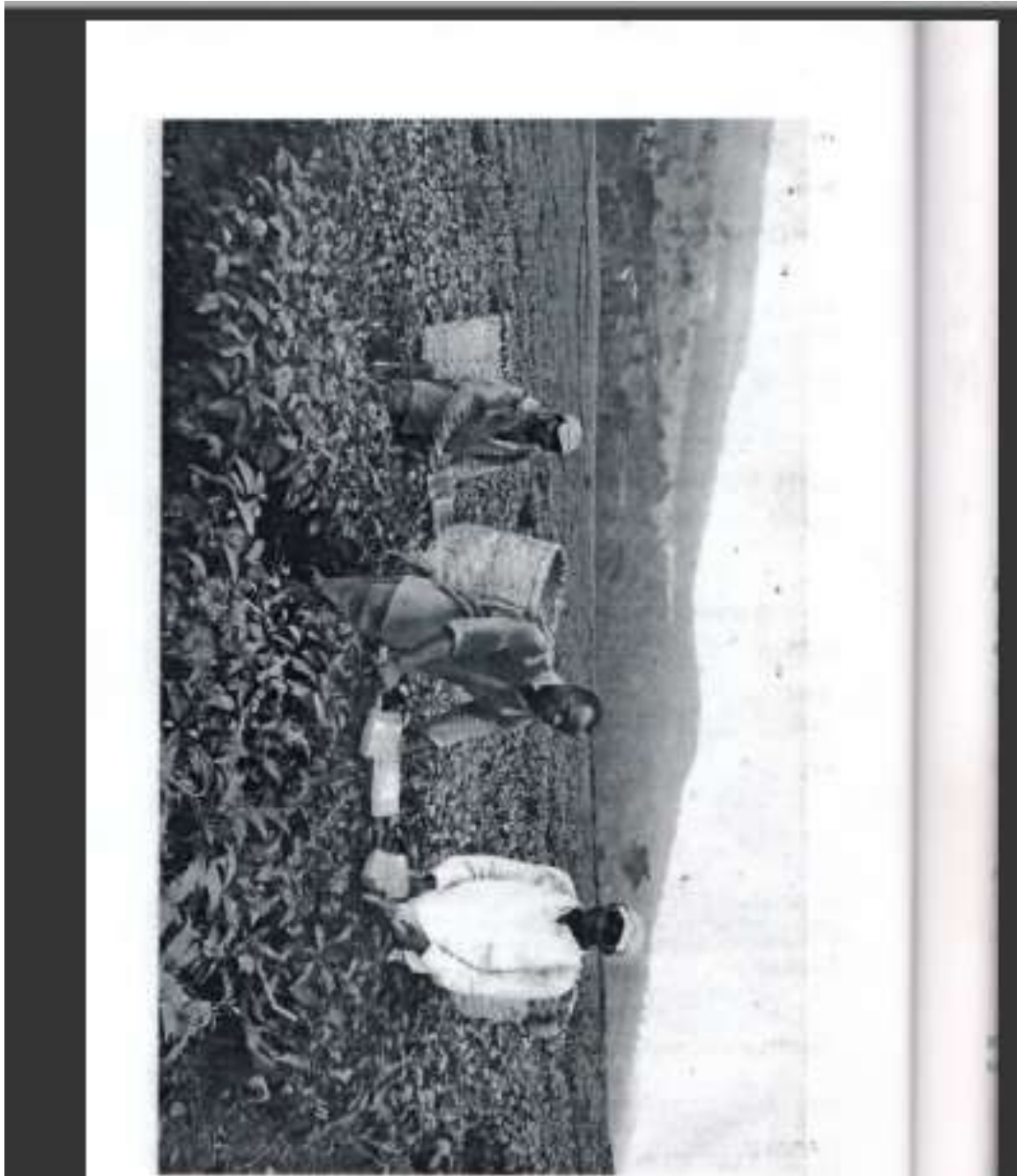
(e) Identify the;

(i) economic activities being carried out in the area. (02 marks)

(ii) settlement patterns in the area (02 marks)

COMPULSORLY QUESTION:

PHOTOGRAPHY INTERPRETATION (15 MARKS)



**COMPULSORY QUESTION: PHOTOGRAPH
INTERPRETATION (15 Marks)**

2. Study the photograph provided and answer the questions that follow:

- (a) (i) Identify the economic activity taking place in the photograph. *(01mark)*
- (ii) Describe the factors which have favoured the activity identified in *a (i)* above. *(03 marks)*
- (b) (i) Identify the plantation crop in the photograph. *(01 mark)*
- (ii) How is the crop identified in *b (i)* above processed? *(04 marks)*
- (c) Explain the problems faced by the men in the photograph. *(04 marks)*
- (d) Giving reasons for your answer, suggest an area in East Africa where this photograph was taken. *(02 marks)*

COMPULSORY QUESTION: FIELDWORK (15 Marks)

3. For any field work you have carried out as group or individual: (a) (i) State the topic of study. *(01 mark)*
- (ii) Outline the objectives of the study. *(03 marks)*
- (b) Draw a line transect of the area studied and on it mark and name
- (i) Physical features
- (ii) Man made features *(05 marks)*
- (c) For anyone of the field work stages below, describe the main activities carried out during your study:
- (i) pre - field study *(02 marks)*
- (ii) post field study *(03 marks)*
- (d) Explain the findings of your field study.

SECTION B

EAST AFRICA: 20 MARKS

Answer only one question from this section

4. Study the map of east Africa provided and answer the question that follow.



(a) Name the:

- (i) Lakes: 1, and 2 (02 marks)
- (ii) Game reserves; **A, B and C** (03 marks)
- (iii) Historical sites: *D* and *E* (02 marks)
- (iv) Waterfall *F* (01 mark)

- (b) (i) Distinguish between a national park and a sanctuary (02 marks)
- (ii) Describe the factors favouring the tourist industry in East Africa. (03 marks)

(c) Explain the benefits of tourism to the East African countries.

(03 marks)

(d) (i) Outline the problems facing the tourism in East Africa.

(02 marks)

(ii) How can the problems identified in d (i) above be solved?

(02 marks)

5. Study the table below showing Uganda's export crops (2002 - 2003) in metric tonnes and answer the questions that follow.

Export crop	Metric tonnes 2002	Metric tonnes 2003
Coffee	201,000	40,000
Cotton	5,000	2,000
Tea	30,000	8,000
Sugar	1,000	800
Tobacco	229,000	77,000
Cocoa	2,000	1,000

Source: World Bank 2005, African Development Indicator; P92 - 100.

(a) Identify the

(i) Leading

(ii) lowest

Export crop from Uganda in 2002.

(02 marks)

(b) (i) Describe the trend of Uganda's export crop production between 2002 and 2003.

(01 mark)

(ii) Explain reasons for the trend described in b (i) above.

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(c) Draw a pie chart to show Uganda's export crops in 2003. (06 marks)

(d) (i) Suggest measures to increase agricultural production in Uganda (03 marks)

(ii) Explain the problems associated with over dependence on agricultural exports.

(04 marks)

7. (a) Draw a sketch map of East Africa and on it mark and name:

(i) Rivers: Malagasy, Athi and Great Ruaha

(ii) Lakes: Edward, Turkana and Rukwa

(iii) Ports: Mtwara, Kigoma and Kisumu (09 marks)

(b) Name any **two**

(i) fresh water fish

(ii) marine fish

Caught in East Africa.

(04 marks)

(c) Describe the physical factors favouring fishing in East Africa.

(04 marks)

(d) Explain the contribution of the fishing industry to the development of East Africa. (03 marks)

END