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Geography

Paper 2

July/August 2023

2½ hours

BUGANDA EXAMINATION COUNCIL MOCKS

Uganda Certificate of Education

GEOGRAPHY

PAPER 2

2HOURS 30 MINUTES

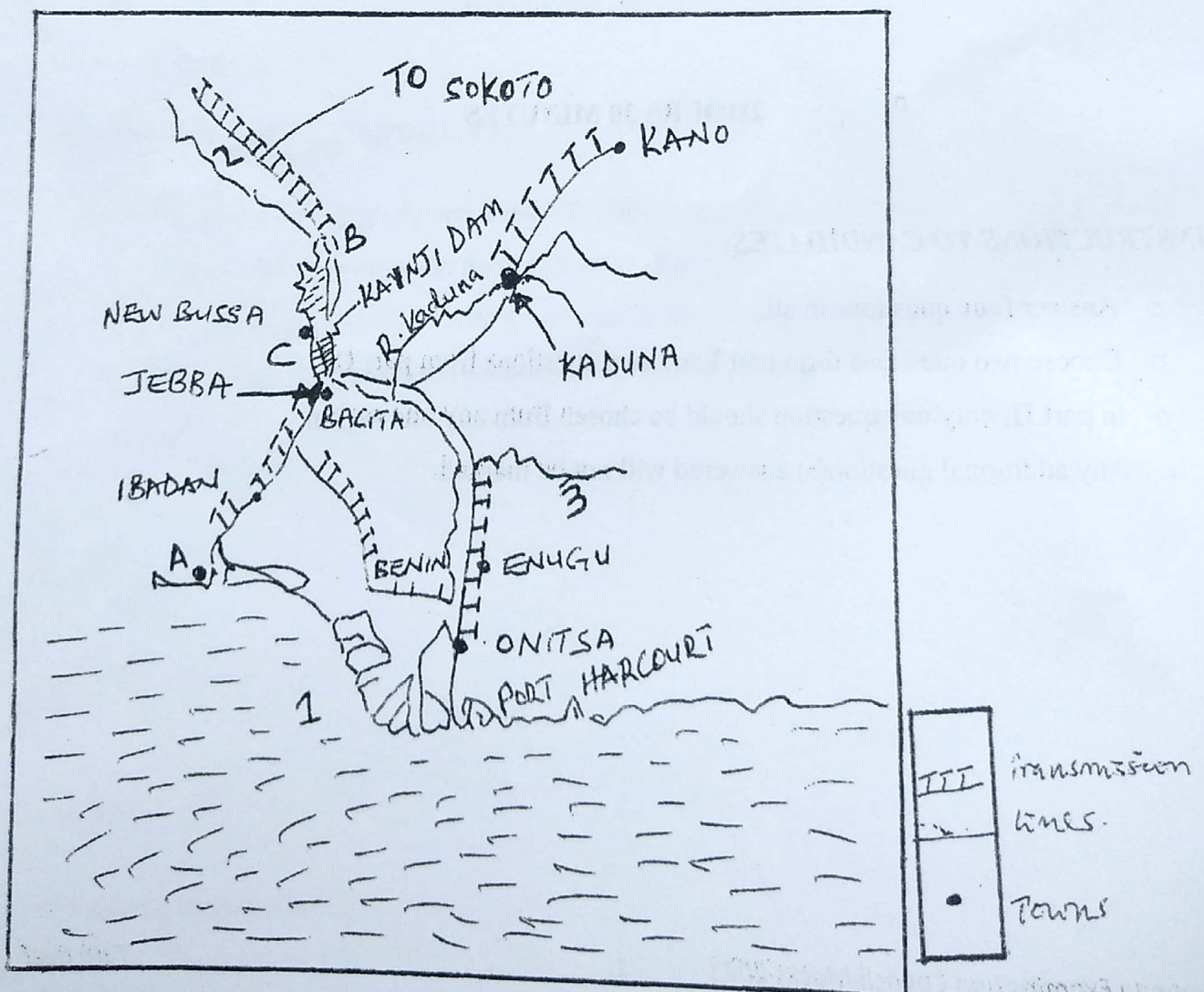
INSTRUCTIONS TO CANDIDATES:

- Answer **four** questions in all.
- Choose two questions from part I and **two** questions from part II
- In part II, only **one** question should be chosen from any one region.
- Any additional question(s) answered will not be marked.

Answer *two* questions from this part.

REGION 1: THE REST OF AFRICA

- 1(a) Draw a sketch map of Africa and on it, mark and name;
(07marks)
- (i) Highland areas (above 2000 metres)
 - (ii) Plateau areas (between 500 and 2000 metres)
 - (iii) Lowland areas (below 500 metres)
 - (iv) Rivers: Zambezi, Niger and Nile
- (b) Describe the formation of the;
(04marks)
- (i) Estuary on river Zambezi
 - (ii) Delta on river Niger
- (c) Explain the problems faced by people living in river valley areas of Africa. (06marks)
- (d) Outline the steps being taken to solve the problems in (c) above. (04marks)
2. Study Figure 1: Sketch map of Nigeria showing Kainji dam and answer the questions that follow:-



(a) Name the; (06marks)

(i) Water body marked 1

(ii) Rivers marked 2 and 3

(iii) Towns marked A and B

(iv) Plantation crop grown in area marked C

(b) Describe the factors that favoured the establishment of Kainji dam. (08marks)

(c) Explain the contribution of the dam to the development of Nigeria. (06marks)

(d) Outline the problems caused by the establishment of Kainji dam. (05marks)

3. Study table 1 below, showing Iron ore production in the Republic of South Africa. ('000 metric tons) and answer the questions that follow;

| Year | Annual Production '000 metric tones |
|------|-------------------------------------|
| 1995 | 12,295 |
| 2000 | 26,310 |
| 2005 | 24,400 |
| 2010 | 30,350 |

(a) Draw a line graph to represent the information given in the table. (07marks)

(b)(i) Describe the trend in iron-ore production between 1995 and 2010. (03marks)

(ii) Calculate the percentage change in iron ore production between 1995 and 2010. (02marks)

(c) Explain the importance of the mining sector to the Republic of South Africa. (06marks)

(d)(i) Describe the problems affecting the mining sector in the Republic of South Africa. (04marks)

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

4(a) Describe the factors which led to the development of Addis-Ababa as an urban centre. (08 marks)

(b) Explain the functions of Addis-Ababa city. (06marks)

(c) Identify the problems faced by Addis-Ababa city. (07 marks)

(d) Outline the solutions to the problems in Addis-Ababa city in C above. (04marks)

PART II
STUDIES IN DEVELOPMENT

Answer *one* question

5. Study Table II below showing areas under crop land in one of the states in the South (Mississippi)

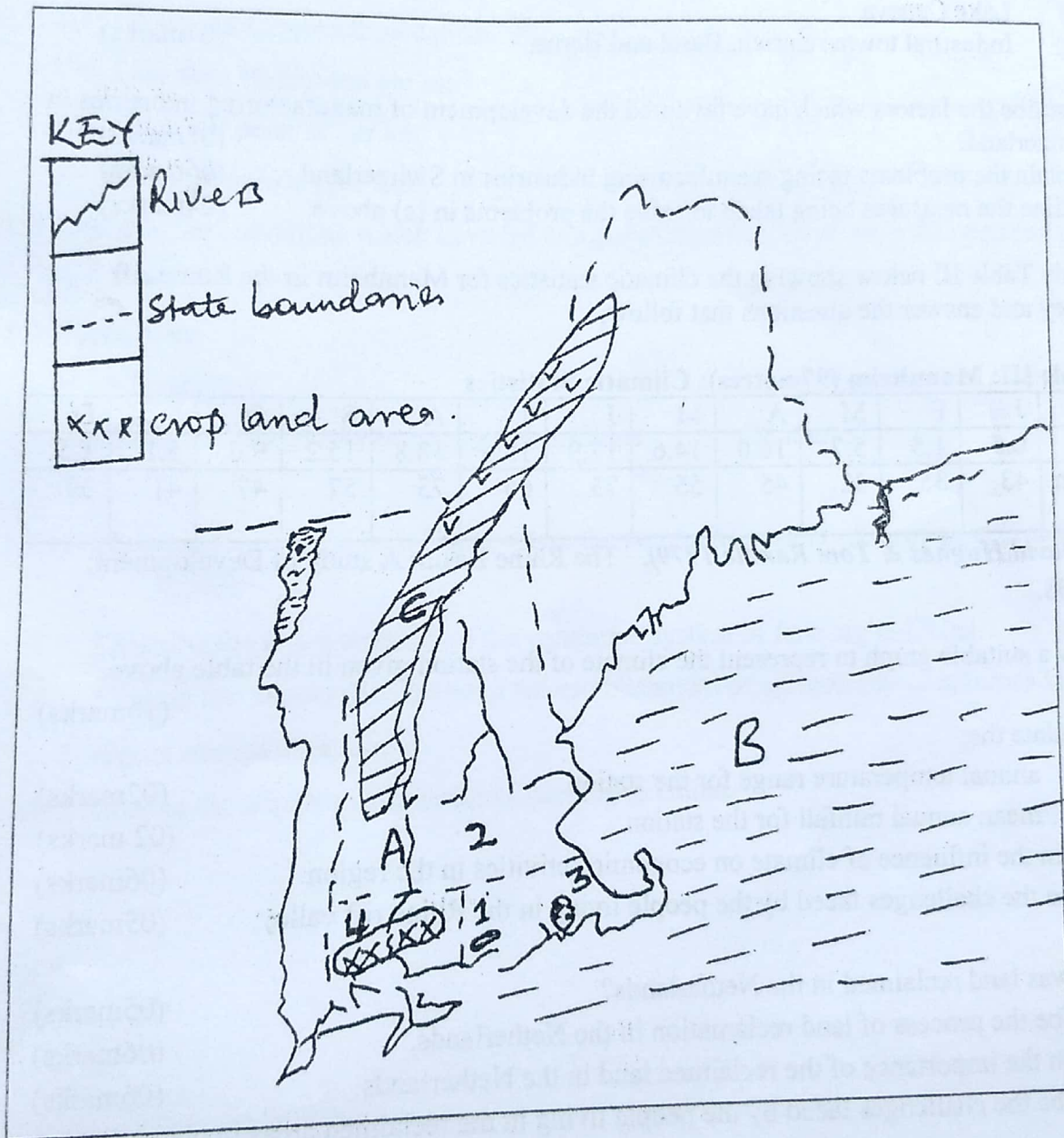
| Type of crop | Area under crop land ('000s (HaC)) |
|--------------|------------------------------------|
| Soya bean | 1,012 |
| Cotton | 704 |
| Hay | 286 |
| Cereals | 154 |
| Others | 44 |
| Total | 2,200 |

Adapted Highes, D.etal (1984) North America: A study in Development; Longman Pg. 69

- (a) Draw a pie-chart to show the relative importance of each type of crop land area in the table. (07marks)
- (b) Why has more land been used for the growing of soya bean than cotton? (04marks)
- (c) (i) Mention any other two states in the South where Cotton is grown. (02marks)
- (ii) Describe the conditions which have favoured the growing of cotton in the South. (06marks)
- (d) Explain the contribution of Cotton growing to the South (06marks)
- 6(a) Draw a sketch map of British Columbia and on it mark and name;
- (i) Island Vancouver
- (ii) Fishing towns
Victoria and Prince Rupert.
- (iii) Alberta
Province
- (iv) Alaska ocean
current
- (v) Washington
state (07marks)
- (b)(i) Identify any two fish species caught in British Columbia. (02marks)
- (ii) Explain the factors which have favoured the development of the fishing industry in British Columbia. (06marks)
- (c) Describe any two methods used in catching fish in British Columbia. (06marks)

(d) Outline the problems faced by the fishing industry in British Columbia. (04marks)

7. Study Figure II; Sketch map of New England region of U.S.A provided and answer the questions that follow;



(b) Describe the conditions that have favoured the growing of the crops named in (a)(v) above. (08marks)

Turn over

- (c) Explain the contribution of the agricultural sector to the development of New England region. (06 marks)
- (d) Outline the problems faced by the farmers in New England. (05marks)

REGION II: THE RHINE LANDS

Answer one question

- 8(a) Draw a sketch map of Switzerland and on it, mark and name;
 (i) Rivers: Rhine and Rhone;
 (ii) Lake Geneva
 (iii) Industrial towns; Zurich, Basel and Berne. (07marks)
- (b) Describe the factors which have favoured the development of manufacturing industries in Switzerland. (08marks)
- (c) Explain the problems facing manufacturing industries in Switzerland. (06marks)
- (d) Outline the measures being taken to solve the problems in (c) above. (04marks)
9. Study Table III below showing the climatic statistics for Mannheim in the Rhine rift valley and answer the questions that follow;

Table III: Mannheim (97metres): Climatic Statistics

| Month | J | F | M | A | M | J | J | A | S | O | N | D |
|--------------------|-----|-----|-----|------|------|------|------|------|------|-----|-----|-----|
| Temp.°C | 0.5 | 1.5 | 5.7 | 10.0 | 14.6 | 17.9 | 19.6 | 18.8 | 15.2 | 9.6 | 5.1 | 1.5 |
| Precipitation (mm) | 43 | 35 | 32 | 45 | 55 | 73 | 66 | 73 | 57 | 47 | 41 | 39 |

Adapted: David Hughes & Tom Randle 1979). The Rhine Basin: A study of Development; Longman P68.

- (a) Draw a suitable graph to represent the climate of the station given in the table above. (10marks)
- (b) Calculate the;
 (i) annual temperature range for the station. (02marks)
 (ii) mean annual rainfall for the station. (02 marks)
- (c) Explain the influence of climate on economic activities in the region. (06marks)
- (d) Outline the challenges faced by the people living in the Rhine rift valley. (05marks)
- 10(a) Why was land reclaimed in the Netherlands? (05marks)
- (b) Describe the process of land reclamation in the Netherlands. (06marks)
- (c) Explain the importance of the reclaimed land in the Netherlands. (06marks)
- (d)(i) Describe the challenges faced by the people living in the reclaimed areas in Netherlands. (04marks)
- (ii) Outline the steps being taken to address the challenges (problems) in d (i) above. (04marks)

REGION III

CHINA

Answer one question

11(a) Draw a sketch map of China and on it, mark and name;

- (i) The South China sea
- (ii) Rivers Huang – Ho and Sikiang
- (iii) Areas with a population density of:-

- Less than 10 persons per km²
- 100 – 200 persons per km²
- Over 200 persons per km² (08 marks)

(b) Describe the conditions which have led to a population density of over 200 persons per km² in China. (08 marks)

(c) Explain the;

- (i) Advantages, (06 marks)
- (ii) disadvantages of a large population in China (03 marks)

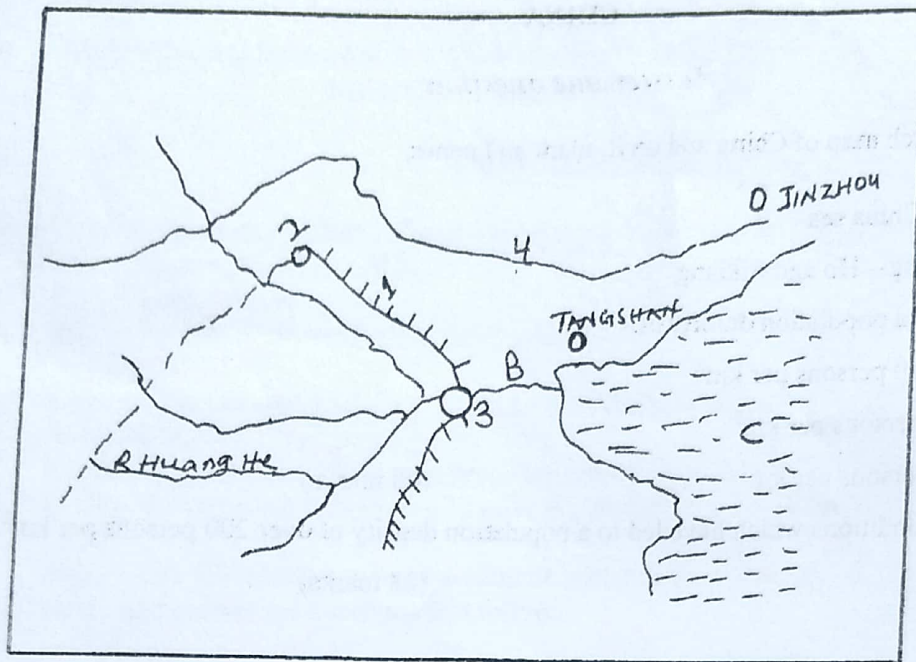
12(a) Name any two regions in China where the commune system of farming is practiced. (02marks)

(b) Describe the characteristics of the commune system of farming in China. (08marks)

(c) Explain the factors that favoured the establishment of agricultural communes in any one region named in (a) above. (08marks)

(d) Outline the benefits of communal farming to China. (07marks)

13. Study Figure III: Sketch map of Beijing area and answer the questions that follow;



(a)

KEY

| | |
|-------|------------|
| ○ | Towns |
| | Canals |
| ~~~~ | Water body |
| ~~~~~ | Rivers. |

Name;

- (i) River; A and B. (ii) Canal 1 (iii) Towns; 2 and 3
(iv) Man made feature 4 (v) Water body C.

(07marks)

- (b) Describe the factors for the location of Beijing city.
(c) Explain the functions of Beijing City.
(d) State the problems facing people in Beijing City.

(06marks)

(06marks)

(06marks)

END