

273/2

GEOGRAPHY

Paper 2

23rd July 2014

2 1/2 hours

ENTEBBE JOINT EXAMINATION BUREAU

Uganda Certificate of Education GEOGRAPHY

Paper 2

2 hours 30 minutes

INSTRUCTIONS TO CANDIDATES:

Attempt **four** questions.

Choose **two** questions from Part I and **two** from Part II

In Part II, only **one** question should be chosen from any one region. Any

extra questions **shall not** be assessed

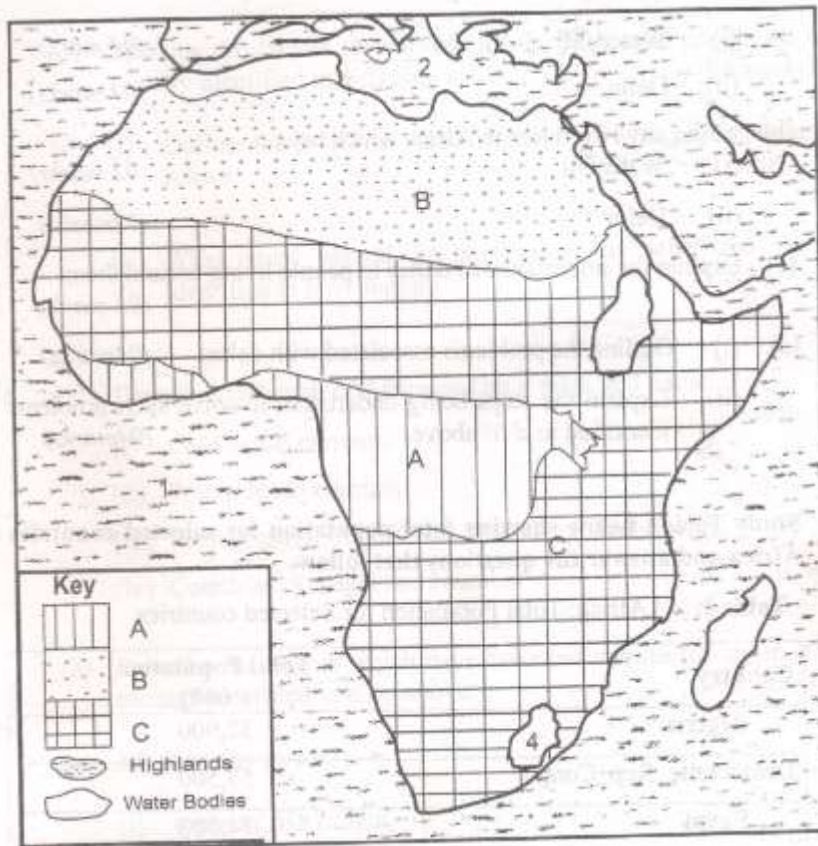
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Turn Over**

PART I

REST OF AFRICA

Answer two questions from this Part,

1. Study Figure I: Map of Africa provided showing natural vegetation cover and answer the questions that follow.



- (a) Name the:
- Vegetation types A, B and C. (03 marks)
 - Water bodies: 1 and 2. (02 marks)
 - Highlands: 3 and 4. (02 marks)
- (b) Describe the characteristics of vegetation type B. (05 marks)

- (c) (i) List down any two economic activities carried out in vegetation zone B. (02 marks)

(ii) Outline the problems facing people carrying out the economic activities identified in C (i) above. (03 marks)

(d) Describe the activities that have influenced the distribution of natural vegetation cover in Africa. (08 marks)

2.(a) Describe the processes which led to the formation of the following features along a rift valley.

(i) Water fall (04 marks)

(ii) Delta (04 marks)

(b) Name any two rivers in Africa which have a (02 marks)

(i) Waterfall (02 marks)

(ii) Delta (02marks)

(c) Explain the importance of deltas to people living around them. (05 marks)

(d) (i) Outline the problems associated with deltas. (04marks)

(ii) Explain the steps being undertaken to solve such problems a identified in d (i) above. (04marks)

3. Study Table 1 below total population for selected countries in Africa and answer the questions that follow

Table 1: Africa; Total population for Selected countries

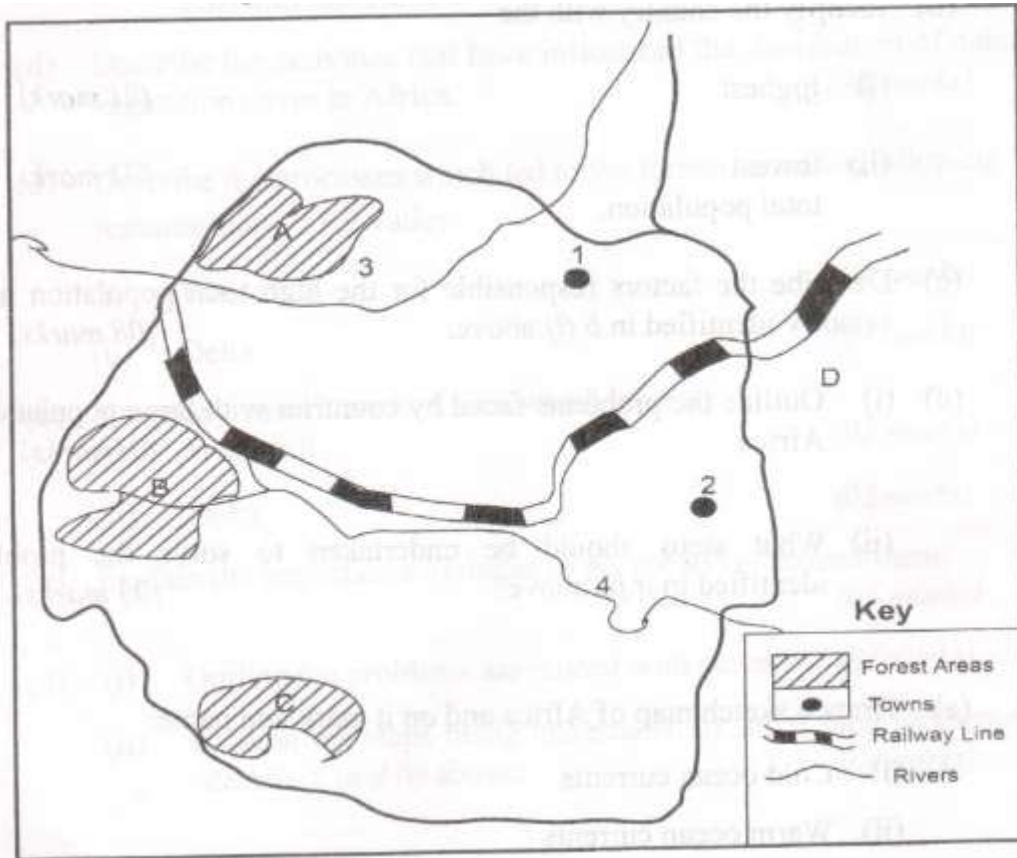
Country	Total population ('000)
Algeria	32,900
Democratic Rep. Congo	57,500
Egypt	74,000
Zambia	11,700
Nigeria	131,500
Rep. of south Africa	46,900
Total	354,500

Adapted: Spreading and Sustaining Growth in Africa 2007 Africa Development Indicators; The World Bank Washington D.C P.21

- (a) Draw a pie chart to show the information given in the table. (09marks)
- (b) Identify the country with the
- (i) highest (01 mark)
- (ii) lowest total population. (01 mark)
- (c) Describe the factors responsible for the high total population in the country identified in *b (i)* above. (08 marks)
- (d) (i) Outline the problems faced by countries with large population in Africa. (03marks)
- (ii) What steps should be undertaken to solve the problems identified in *d (i)* above? (03 marks)

4. (a) Draw a sketch map of Africa and on it mark and name:
- (i) Cold ocean currents
- (ii) Warm ocean currents
- (iii) Fishing ports: Cape Town, Drakei and Walvis Bay.
- (iv) Countries: Senegal and Namibia (10 marks)
- (b) Describe the factors which have favored marine fishing in anyone country identified in *a (v)* above. (06 marks)
- (c) Mention any two:
- (i) types of fish caught,
- (ii) Methods of fish preservation used (04 marks)
in the country identified in *(b)* above.
- (d) Explain the measures undertaken to improve commercial fishing in Africa. (05 marks)

5. **Study Figure II: Map of Swaziland showing areas under forest cover and answer the questions that follow.**



(a) Name the:

Forest areas: *A, B* and *C*

Towns: *1* and *2*

Rivers: *3* and *4*

Country: *D*

(08 marks)

(b) Explain the factors that have led to increasing deforestation in Swaziland. *(06 marks)*

(c) (i) Outline the problems facing the forest sector in Swaziland.

(04 marks)

(ii) What measures have been undertaken to solve the problems in C (i) above? *(04 marks)*

(d) Explain the benefits of forest plantations to the economy of Swaziland. *(03 marks)*

6. Study the Table II below showing sugar exports from the Republic of South Africa (1998 - 2003) and answer the questions that follow.

Table II: Republic of South Africa; Sugar Exports (1998 - 2003)

Year	Sugar Exports (metric tonnes)
1998	1,230,000
1999	1,140,000
2000	1,470,000
2001	1,540,000
2002	1,170,000
2003	1,000,000

Adapted: 2005 Africa Development Indicators:

The World Bank Washington D.C P.99

- (a) Draw a bar graph to show South Africa's sugar plantation from 1998 - 2003. (07 marks)
- (b) Describe the trend in sugar exports shown in (a) above. (01 marks)
- (c) Describe the physical factors that have favored sugar production in the Republic of South Africa. (08 marks)
- (d) Outline the benefits of sugar growing to the people of South Africa. (06 marks)

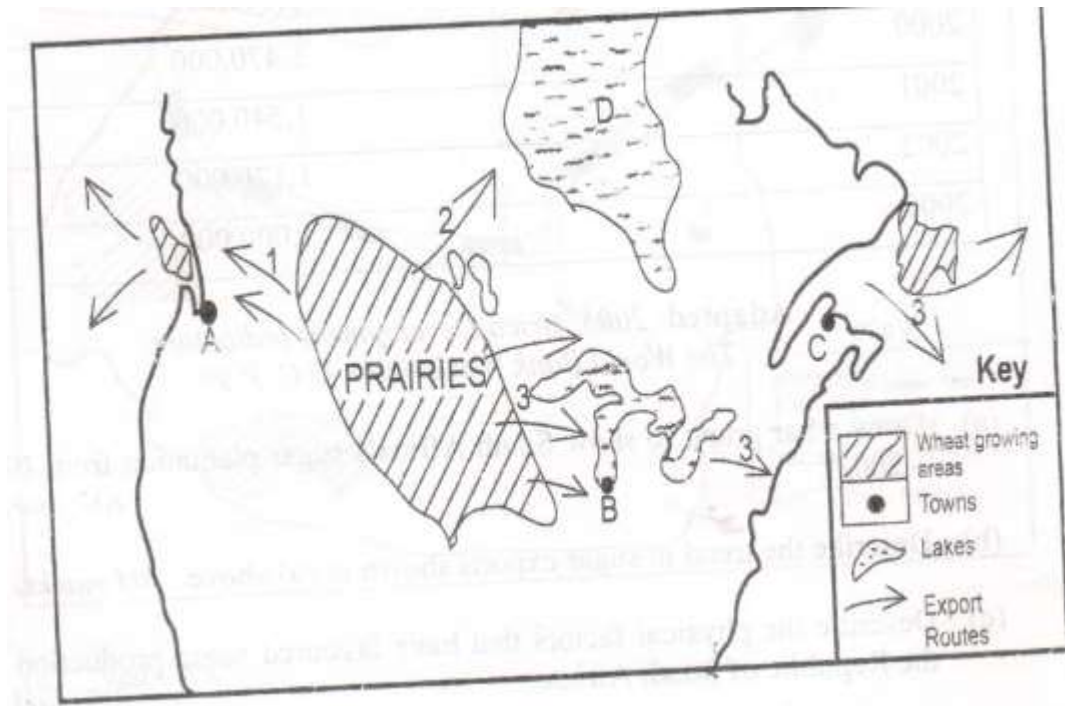
PART II

STUDIES IN DEVELOPMENT

Answer **two** questions from this Part

REGION I: NORTH AMERICA

7. Study Figure III: Map of the Canadian prairies provided below and answer the questions that follow.



(a) Name the:

(i) Export routes: 1, 2 and 3

(ii) Ports: A, B and C

(iii) Water body D (07marks)

(b) (i) What is the major export route of the Canadian prairies.

(01mark)

(c) (i) Explain the factors favoring wheat growing on the Canadian prairies. (01 marks)

(ii) Explain the advantages of the export route identified in b (i) above. (01 marks)

(ii, Outline the problems faced by the farmers on the Canadian prairies? (04marks,

d) Outline the uses of Canadian wheat. (04 mark)

8. (a) Draw a sketch map of the Tennessee river basin and on it mark and name:

(i) Rivers: Ohio, Cumberland and Tennessee.

(ii) Towns: Knoxville and Nashville

(iii) States: Kentucky and North Carolina (08 marks)

(b) Explain the steps taken by the Tennessee valley multipurpose scheme to solve the problems that were faced in the area. (08 marks)

(c) Explain the contribution of the Tennessee valley multipurpose Scheme to the development of the area. (04 marks)

(d) Outline the problems which resulted from the establishment of the Tennessee multipurpose scheme. (05 marks)

9. Study Table III below showing the processing of Pacific salmon in British Columbia and use it to answer questions which follow.

Table III: Processing of Pacific Salmon in British Columbia

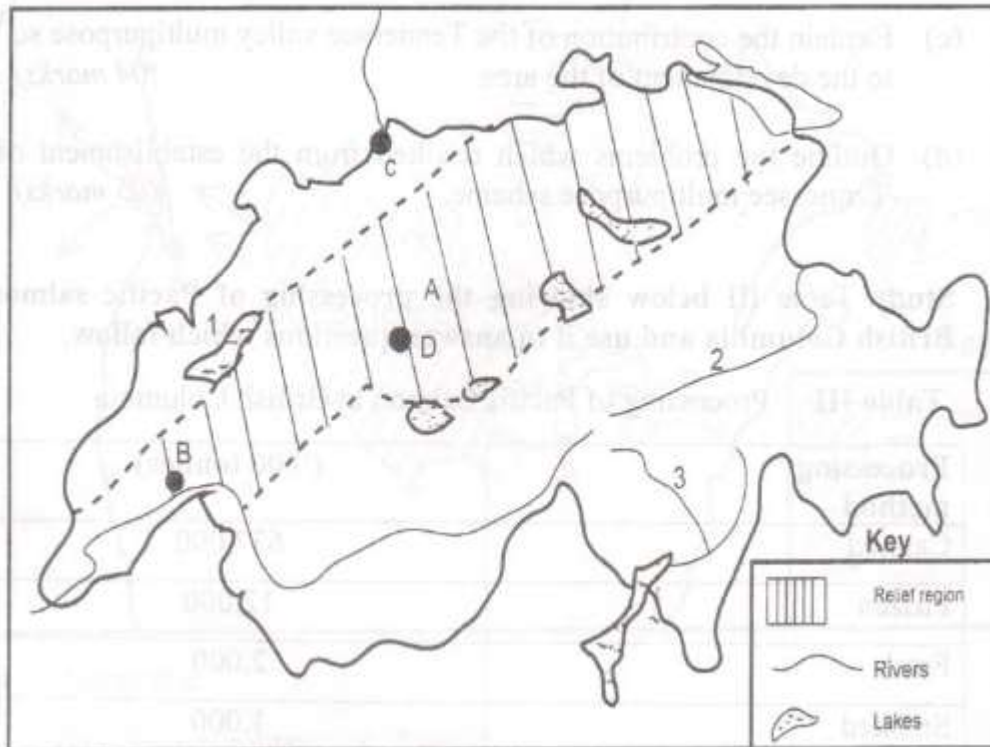
Processing method	('000 tonnes)
Canned	637,000
Frozen	12,000
Fresh	2,000
Smoked	1,000
Fish oil meal	2,000
TOTAL	654,000

Adapted: Hughes D et al (1998) *North America: A Study of Development* P 12

- (a) Draw a pie chart to show the relative importance of the fish processing methods. (07 marks)
- (b) (i) Identify the most dominant method of fish process in British Columbia. (01 mark)
- (ii) Why is the method identified in b (i) above popular? (04 marks,
- (c) (i) Name an) two fishing ports found in British Columbia. (02 marks)
- (ii) Describe the conditions which have favored fishing in British Columbia. (06 marks)
- (d) Explain the contribution of the fishing industry to the development of British Columbia. (05 marks)

REGION: RHINE LANDS

10. Study Figure 4; The Map of Switzerland below and answer the questions that follow.



- (a) Name the:
- (i) Lake: **1**
 - (ii) Rivers: **2** and **3**
 - (iii) Relief regions: **A**
 - (iv) Industrial regions: **B, C** and **D** (02 marks)
- (b) (i) State any **two** types of industries found in any one of the industrial towns named in a (iv) above. (02 marks)
- (ii) Describe the factors that have favored industrial development on Switzerland. (08 marks)
- (c) Explain the benefits of the manufacturing industries to the people of Switzerland. (04 marks)

- (d) Outline the steps being undertaken to promote the industrial sector in Switzerland. (04 marks)

11. Study Table IV below showing climate statistics for Mannheim, in the Rhine rift valley and answer the questions that follow:

Table IV: Mannheim (97 metres): Climatic Statistics

Months	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 and 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. (12 marks)
- (b) Calculate the:
- annual temperature range.
 - mean annual rainfall for the station. (02 marks)
- (c) (i) List down any two economic activities carried out in the Rhine rift valley. (02 marks)
- (ii) Explain the factors favoring any one economic activity identified in c (i) above. (04 marks)
- (d) Outline the benefits of the economic activity identified in c (i) above to the people living in the Rhine rift valley. (05 marks)
12. (a) Draw a sketch map of Luxembourg and on it mark and name:
- areas with high medium and low population density.
 - any two neighbouring countries.
 - towns Luxembourg and Clervaux (08 marks)
- (b) Describe the factors that have favoured population density in Luxembourg, (06 marks)

(c) Explain the

(i) Advantages (04 marks)

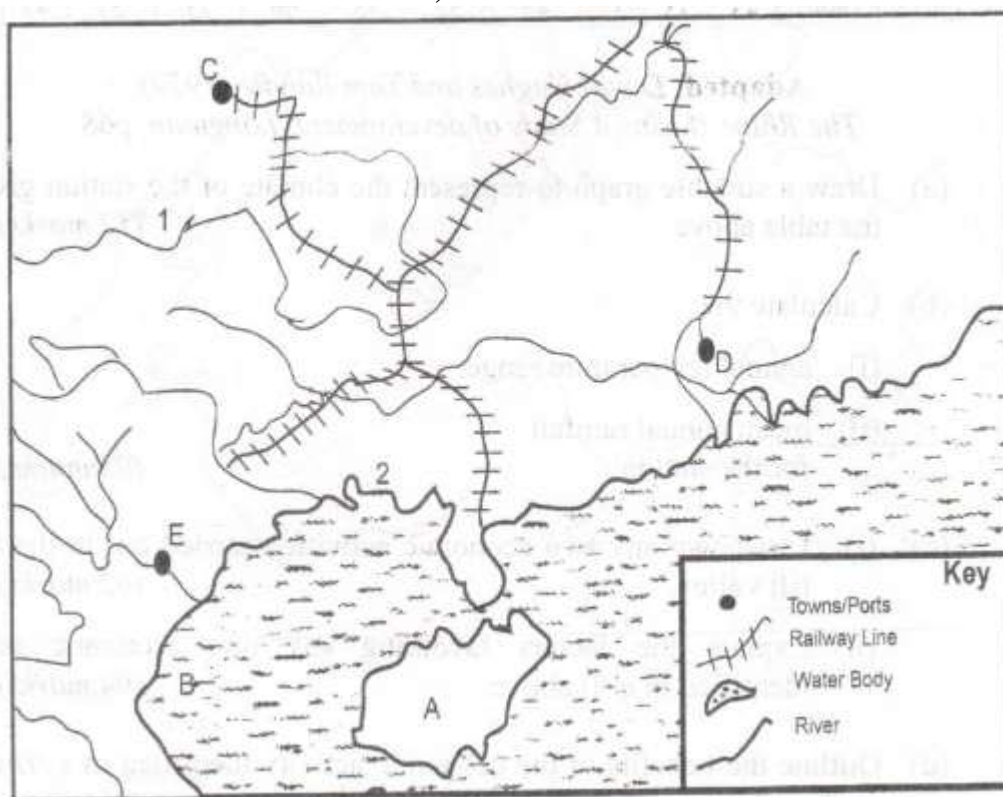
(ii) Disadvantages (04 marks)

of a high population density.

(d) Outline the steps being taken to solve the population problems in Luxembourg. (03 marks)

REGION III : CHINA

13. Study Fig 5 Map of Sikiang River basin and answer the questions that follow;



(a) Name the;

(i) Rivers; 1 and 2

(ii) Island; A

(iii) Gulf B

(iv) Towns; C, D and E

(07 marks)

(b) Explain the contribution of the Sikiang River basin to the development of China. (05marks)

(c) (i) What are the problems facing people in the Sikiang River basin? (04marks)

(ii) How are the problems given in c (i) above solved? (04marks)

- (d) Outline the problems limiting the effective use of Chinese rivers.
(05marks)

14. Study Table V below showing the structure of China's manufacturing sector and answer the questions that follow:

Table V: China: Structure of the Manufacturing Sector 2011

Manufacturing Industry	Percentage
Foods and beverages and tobacco	15
Textiles and clothing	12
Machinery and transport equipment	32
Chemicals	12
Other manufacturing sectors	29
TOTAL	100

*Adapted:2005 World Development Indicators.
The World Bank. Washington DC. p206*

- (a) Draw a line graph to represent the information given in the table. (08 marks)
- (b) (i) Identify the largest manufacturing sector in China. (01mark)
(ii) Describe the factors which have led to the development of the manufacturing sector identified in *b (i)* above. (06 marks)
- (c) Explain the problems facing the manufacturing sector in China. (06 marks)
- (d) Outline the effects of the industrial sector to the physical environment in China. (04 marks)
15. (a) What is an agricultural commune? (04marks)
- (b) Describe the characteristics of agricultural communes in China. (08marks)
- (c) (i) Identify any two agricultural communes in China. (02 marks)
(ii) Outline the problems facing the agricultural commune identified in *c (i)* above. (05 marks)
- (d) Explain the contribution of agricultural communes to the development of China. (06marks)

END