

273/2
GEOGRAPHY
Paper 2
July 2023
2 ½ 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.

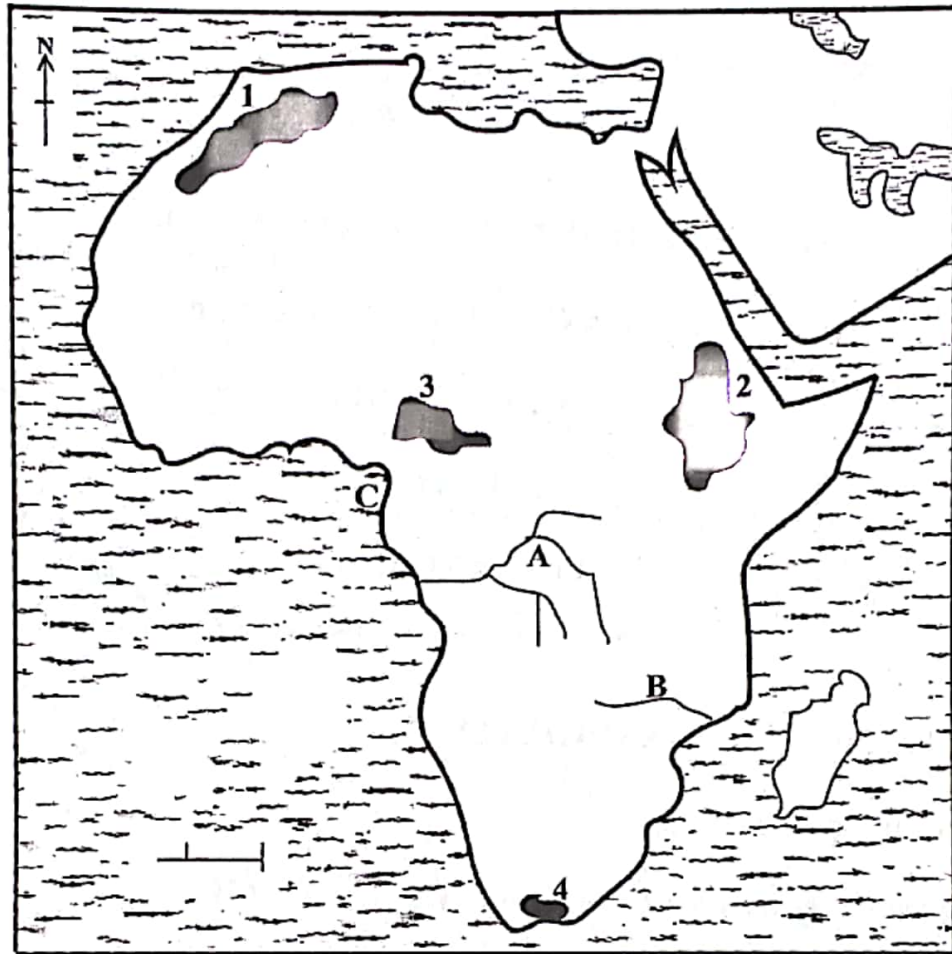
Any extra questions shall not be assessed.

PART I

REST OF AFRICA

Answer two questions from this Part.

1. Study Figure I: Map of Africa provided and answer questions that follow.



- (a) Name the:

- (i) Highlands 1, 2, 3 and 4.
- (ii) Rivers A and B.
- (iii) Gulf C.

(07 marks)

- (b) Describe the process that led to the formation of either highland 1 or 2.

(06 marks)

- (c) How have highlands modified the climate of the surrounding areas

(04 marks)

- (d) Explain the influence of highlands on the economic activities in the surrounding areas.

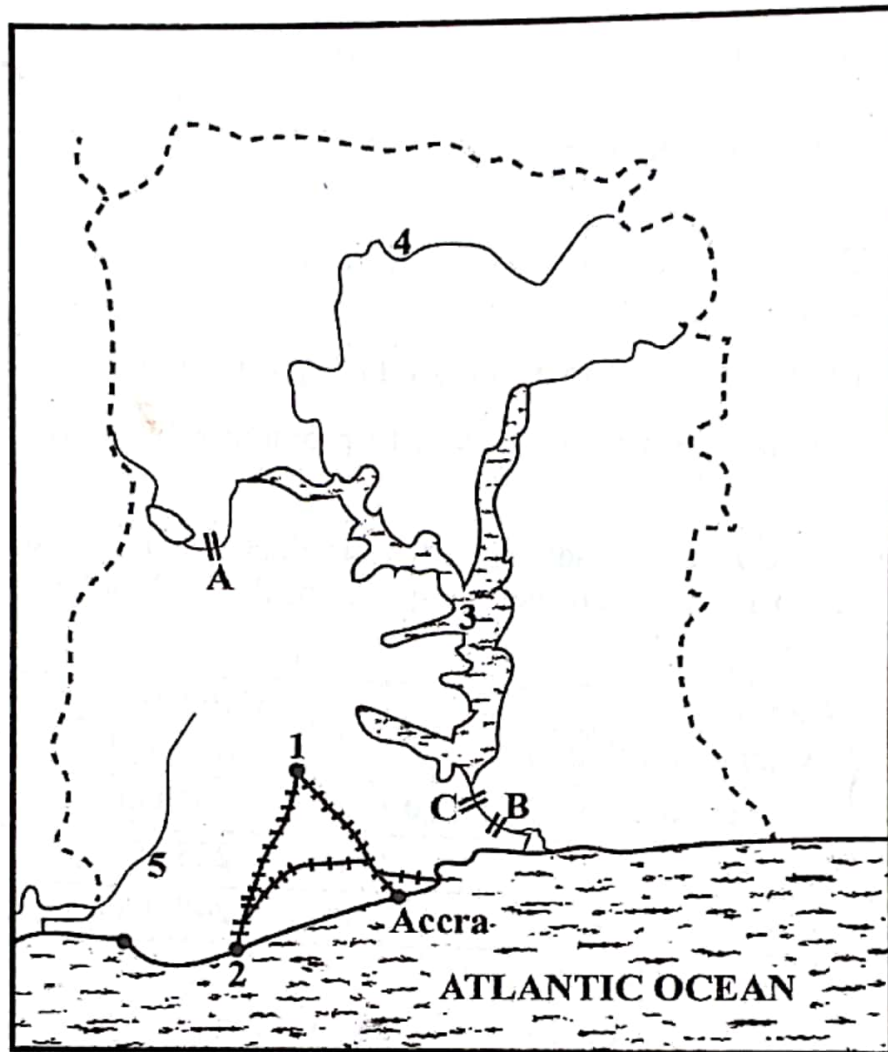
(08 marks)

2. (a) Draw a sketch map of Liberia and on it mark and name:
- (i) Rubber plantations: *Herbel* and *Carvalla*
 - (ii) Rivers: *Cestos* and *St. Paul*
 - (iii) Towns: *Monrovia* and *Buchanan*
 - (iv) Any **one** iron ore mineral deposit.
- (08 marks)
- (b) Describe the physical conditions favouring rubber growing in Liberia. (06 marks)
- (c) Explain the factors limiting rubber growing in Liberia. (06 marks)
- (d) Outline the measures taken to promote rubber growing in Liberia. (05 marks)
3. Study Table I below showing forest product exports in selected countries of Africa in 1996 and answer the questions that follow.

Country	Exports m ²
Swaziland (<i>eSwatini</i>)	270,000
Democratic Rep. of Congo	91,000
Liberia	225,000
Nigeria	248,000

- (a) Draw a bar graph to represent the information given in the table. (06 marks)
- (b) (i) Name any **two** forests found in Swaziland. (02 marks)
- (ii) Describe the physical conditions that have favoured development of forestry industry in Swaziland. (06 marks)
- (c) Explain the benefits of the forestry industry to Swaziland. (06 marks)
- (e) Outline the problems resulting from the rapid exploitation of forests in Swaziland. (05 marks)

4. Study figure II: Map of Ghana provided and answer the questions that follow.



(a) Name the:

- (i) Dams *A*, *B* and *C*
- (ii) Towns *1* and *2*
- (iii) Lake *3*
- (iv) Rivers *4* and *5*

(08 marks)

(b) State the aims of the Volta scheme.

(04 marks)

(c) Explain the contribution of the Volta scheme to the people of Ghana.

(08 marks)

(d) Outline the problems that resulted from the Volta scheme.

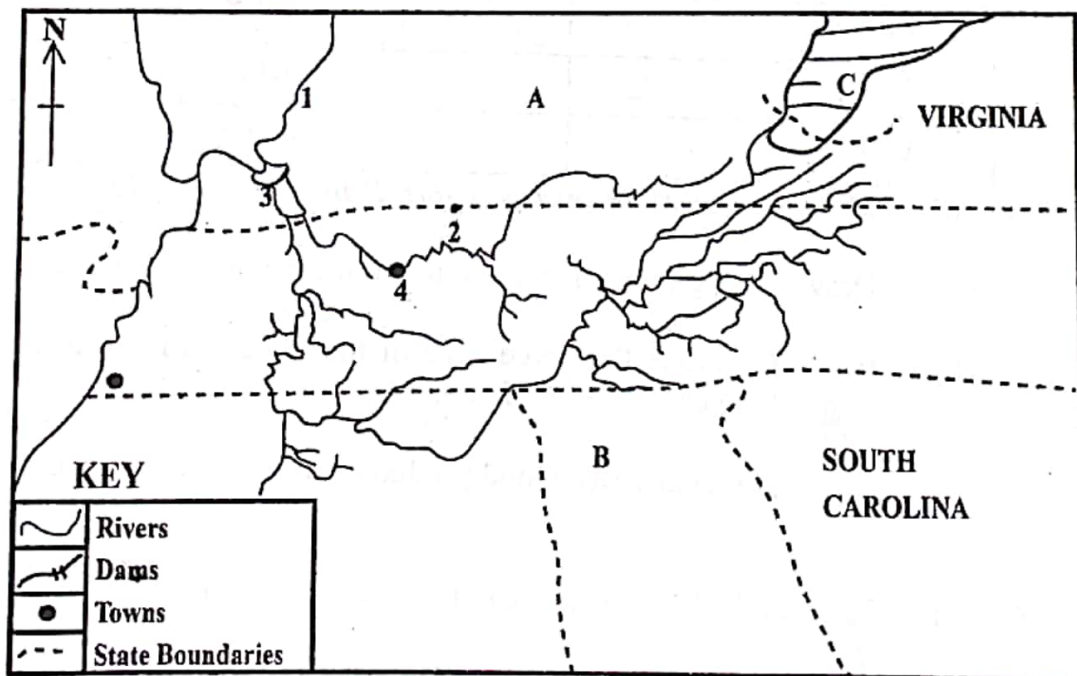
(05 marks)

PART II: STUDIES IN DEVELOPMENT

Answer two questions from this Part

REGION I: NORTH AMERICA

5. (a) Draw a sketch map of the Canadian prairies and on it mark and name:
- (i) Provinces: Manitoba, Alberta and Saskatchewan
 - (ii) Industrial centres: Calgary and Edmonton
 - (iii) Lake Winnipeg
 - (iv) Peace river
- (08 marks)
- (b) Identify any two industries found in:
- (i) Calgary (02 marks)
 - (ii) Edmonton (02 marks)
- (c) Describe the conditions that have led to the establishment of industries in the Canadian prairies. (08 marks)
- (d) Outline the problems that have resulted from the establishment of industries on the Canadian prairies. (05 marks)
6. Study figure 3: Map of the Tennessee River valley provided and answer the questions that follow.



(a) Name the

- (i) Rivers *I* and *2*
- (ii) Dam *3*
- (iii) Town *4*
- (iv) States *A* and *B*
- (v) Highland *C*

(07 marks)

(b) Describe the factors that necessitated the establishment of the Tennessee Valley Authority. (06 marks)

(c) Explain the steps taken to solve the problems in the Tennessee River valley. (08 marks)

(d) Outline the problems resulting from the establishment of the Tennessee Valley Authority. (04 marks)

7. Study Table II below showing the volume of wood products exported by Canada between 2001 and 2006 and answer the questions that follow.

Table II: Wood products exported (2001 – 2006)

Year	Exports (000 metric tonnes)
2001	576.1
2002	588.9
2003	604.3
2004	611.8
2005	616.0
2006	624.6

Adapted: 2008, *Forest Resources report, Prince George, p13*

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

(b) (i) Calculate the percentage of the volume of wood product exported between 2001 and 2006. (02 marks)

(ii) Name any **two** wood products exported by Canada. (02 marks)

(c) Explain the benefits of exporting wood products to Canada. (08 marks)

(d) Outline the problems facing the forestry sector in Canada. (06 marks)

REGION II: RHINE LANDS

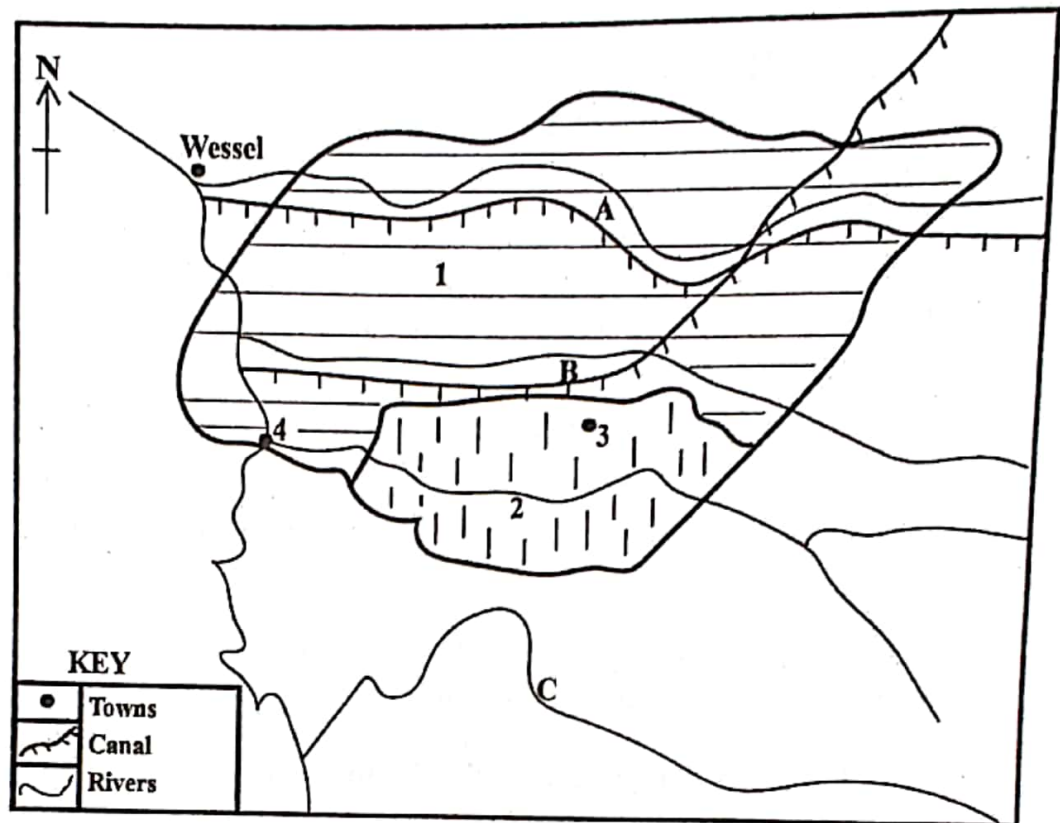
8. (a) Draw a sketch map of Switzerland and on it mark and name:
- (i) The three relief regions
 - (ii) Rivers: **Rhine** and **Ticino**
 - (iii) Lake Constance
 - (iv) Basel town
- (08 marks)
- (b) Why has Switzerland had to develop an efficient railway network?
(05 marks)
- (c) Explain the problems facing the transport system in Switzerland.
(08 marks)
- (d) What steps are being taken to improve transport in Switzerland?
(04 marks)
9. Study Table III below showing land use on the South Flevolland polder and answer the questions that follow.

Table III: Land use on the South Flevolland polder

Land use	Area in hectares
Farmland / Agriculture	21,500
Residential	7,740
Woodland, natural reserve and recreation	10,750
Canals, dykes and roads	3,010
Total	43,000

- (a) Draw a pie chart to show the relative importance of land uses on the South Flevolland polder.
(08 mark)
- (b) Mention any **three** polders found in the Netherlands apart from South Flevolland.
(03 marks)
- (c) Explain the problems faced in utilizing polder land in the Netherlands.
(08 marks)
- (d) What measures are being taken to solve the problems in (c) above?
(06 marks)

10. Study Figure IV: Map of the Ruhr mining area provided and use it to answer the questions that follow.



(a) Name the:

- (i) Coal fields 1 and 2
- (ii) Towns 3 and 4
- (iii) Canals A and B
- (iv) River C

(07 marks)

(b) Explain the factors limiting coal mining in Germany.

(08 marks)

(c) Outline the environmental problems resulting from coal mining in Germany.

(07 marks)

(d) List down the uses of coal.

(03 marks)

REGION III: CHINA

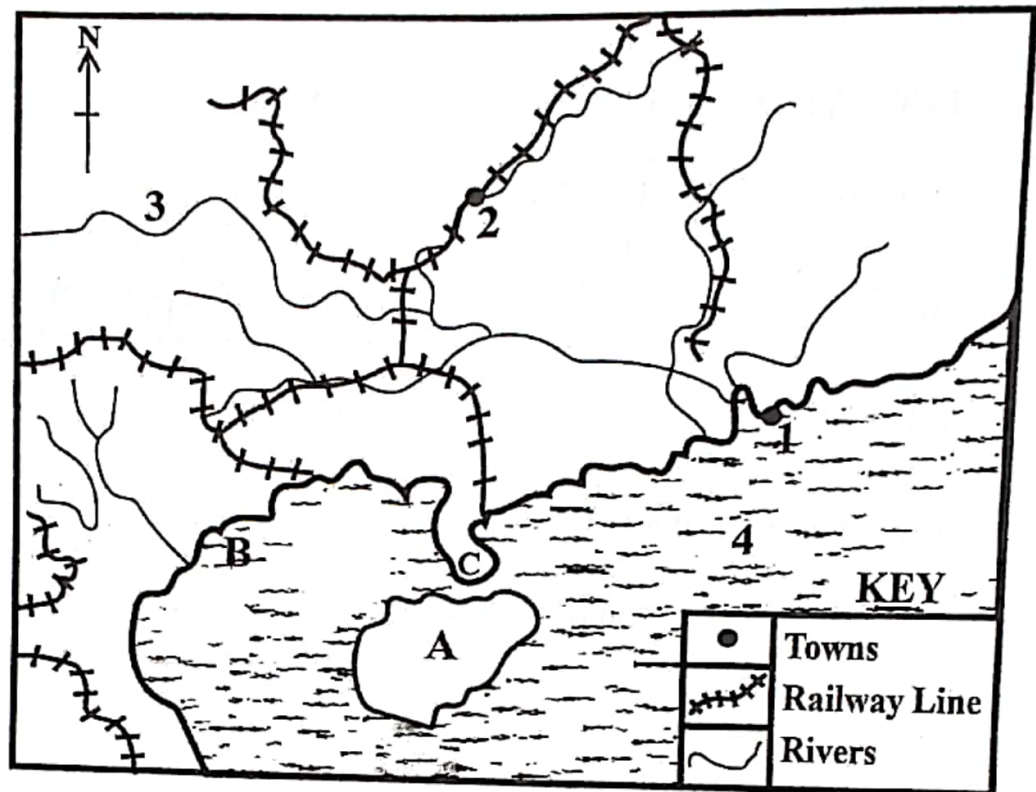
11. Study Table IV below showing the climatic statistics of station Y in China and answer the questions that follow.

Table IV: Climatic statistics of Station Y

Months	J	F	M	A	M	J	J	A	S	O	N	D
Temperature	-10	-17	10	15	20	30	25	20	8	-2	-8	-15
Rainfall	48	48	97	152	165	244	180	97	71	81	48	28

- (a) Draw a suitable graph to represent the information in the table. (09 marks)
- (b) Calculate the
- (i) mean annual rainfall (01 mark)
 - (ii) mean annual temperature (01 mark)
 - (iii) annual temperature range (01 mark)
- (c) Describe the climate of station Y. (07 marks)
- (d) Explain the influence of climate on human activities around station Y. (06 marks)
12. (a) Draw a sketch map of China and on it mark and name:
- (i) Tropic of cancer
 - (ii) Tibet plateau
 - (iii) Qaidam basin
 - (iv) Densely populated areas
 - (v) Sparsely populated areas
 - (vi) Himalayas highlands
- (07 marks)
- (b) Describe the factors leading to high population density in China. (08 marks)
- (c) Explain the benefits of China's large population. (06 marks)
- (d) Outline the problems resulting from a large population in China. (04 marks)

13. Study the figure 4: Map of Sikiang river basin and answer the questions that follow.



(a) Name the:

- (i) Towns 1 and 2
- (ii) River 3
- (iii) Water body 4
- (iv) Island A
- (v) Gulf B
- (vi) Peninsula C

(07 marks)

(b) Describe the conditions favouring agricultural activities in the Sikiang river basin.

(06 marks)

(c) Explain the contribution of Sikiang river basin to the development of China.

(06 marks)

(d) Outline the

(i) problems limiting the use of Chinese rivers.

(03 marks)

(ii) measures being taken to solve the problems in d (i) above.

(03 marks)