

273/2
GEOGRAPHY
Paper 2
Jul/Aug 2019
2 ½ Hours



MUKONO EXAMINATION COUNCIL
Uganda Certificate of Education
GEOGRAPHY
Paper 2
2 Hours 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.

PART 1: THE REST OF AFRICA

Answer two questions from this part

1. Study table 1 below showing the climate of station A and answer the questions that follow;

Month	J	F	M	A	M	J	J	A	S	O	N	D
Temp(°C)	30	31	31	30	29	28	27	27	28	29	30	30
Rainfall (mm)	25	25	50	100	275	500	900	925	700	300	125	25

Source: Minus, W. J. *A geography of Africa New Edition*, P37.

- a) Draw a suitable graph to represent the information in the table. **(08 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 climatic conditions experienced at station A. **(04 marks)**
- d) Explain the;
- (i) factors responsible for the climatic conditions experienced at Station A. **(05 marks)**
- (ii) influence of the climate on the economic activities being carried out in the area around station A. **(05 marks)**

2. Draw a sketch map of Africa and on it mark and label;

- (i) rivers: Benue, Vaal and Senegal
- (ii) Multi-purpose development schemes; Aswan high dam and Akasombo.
- (iii) Lake Kainji

(07 marks)

- b) Describe the physical conditions which favoured the establishment of any one multi-purpose scheme named in (a) (ii) above. **(08 marks)**

- c) Explain the benefits of anyone multi-purpose scheme named in (a) (ii) above to the people living in the area. **(06 marks)**

- d) Outline the problems created as a result of establishment of multi-purpose schemes in Africa. **(04 marks)**

3. Study the table 2 below showing the value of crude oil as a percentage of total exports for selected African countries and answer the questions that follow;

Value of crude oil as % of total export in selected African countries.

Country	Percentage of total value of exports
Algeria	82
Angola	48
Congo	70
Gabon	79
Nigeria	94

Adopted from: White R.G *Africa: Studies for East African students*. Heinemann Education 1
Book Nairobi P 201.

- a) Draw a Bar graph to show the information given in the table. **(07 marks)**
- b) State the country which depends:
 (i) most
 (ii) least
 On crude oil as an export commodity **(02 marks)**
- c) (i) Give any two uses of crude oil. **(02 marks)**
 (ii) Describe the method of mining crude oil in any one country named in the table. **(06 marks)**
- d) Explain the problems which result from over- depending on crude oil as an export commodity. **(08 marks)**
4. a) Draw a sketch map of Egypt and on it mark and name;
 (i) water bodies: Lake Nasser and Red sea
 (ii) Suez canal
 (iii) urban centres: Cairo, Alexandria and Aswan. **(08 marks)**
- b) Describe the factors that have led to the growth of Cairo as an Urban centre. **(07 marks)**
- c) Explain the effects of urbanization on the physical environment in Egypt. **(06 marks)**
- d) Outline the steps being taken to address the effects of urbanization in (c) above. **(04 marks)**

PART II: STUDIES IN DEVELOPMENT

*Answer **two** questions from this part*

REGION 1: NORTH AMERICA

5. a) Draw a sketch map of California and on it mark and name.
 (i) San Joaquin river
 (ii) Central valley.
 (iii) Delta Mendota Canal
 (iv) Market gardening centres: Fresno, Sacramento and San Francisco. **(07 marks)**
- b) Describe the characteristics of market gardening in California. **(05 marks)**
- c) Explain the conditions which have favoured market gardening in California. **(08 marks)**
- d) Outline the problems affecting market gardening in California. **(05 marks)**
6. a) Draw a Sketch map showing the Great lakes and St. Lawrence water way and on it mark and name.
 (i) rivers; Hudson and St. Lawrence
 (ii) lakes; Ontario and Huron
 (iii) Canals; Welland and Soulages
 (iv) Ports; Detroit and Quebec. **(09 marks)**
- b) Name any two;
 (i) imports
 (ii) exports
 Carried along the Great lakes and St. Lawrence water way. **(04 marks)**

- c) Explain the steps which were taken to improve navigation along the Great lakes and river St. Lawrence. **(08 marks)**
- d) Outline the benefits of the water way to the United States of America and Canada. **(04 marks)**
7. a) Name any three;
 (i) states found in the New England region of USA.
 (ii) major port cities of New England region in USA. **(06 marks)**
- b) Identify two;
 (i) old industries in New England.
 (ii) New industries in New England **(04 marks)**
- c) Describe the factors that led to the shift from old industries to new industries in New England region. **(07 marks)**
- d) Explain the benefits of the manufacturing industries to the economy of New England region. **(08 marks)**

REGION II: RHINELANDS

8. a) Draw a Sketch map of Switzerland and on it mark and name;
 (i) Rivers: Rhone and Aare
 (ii) Lake Neuchatel
 (iii) Major physical regions.
 (iv) industrial towns: Bern and Basel **(09 marks)**
- b) (i) Mention any two types of industries located in any one industrial town named in (a) (iv) above. **(02 marks)**
 (ii) Describe the conditions that have led to the development of industries in the towns marked in (a) (iv) above. **(05 marks)**
- c) Explain the contributions of the manufacturing industries to the people of Switzerland. **(05 marks)**
- d) Outline the steps being taken to improve the industrial sector in Switzerland. **(04 marks)**
9. Study the table 3 below showing the different types of farming on the Dutch Polders and answer the questions that follow;

Dutch Polders: Different types of farming

Type of farming	Percentage of land Area covered
Mixed farming	35
Market gardening	07
Arable farming	53
Orchards	05
Total	100

- a) Identify the type of farming which occupies the;
 (i) largest
 (ii) least
 Percentage of land area on the Dutch Polders. **(02 marks)**

b) Draw a pie chart to show the relative importance of each type of farming. **(08 marks)**

- c) (i) Name any two polders in the Netherlands. **(02 marks)**
 (ii) Describe the processes involved in the formation of a polder. **(07 marks)**

d) Explain the problems faced by farmers on the Dutch polders. **(06 marks)**

10. Study table IV showing the volume of Cargo handled by the Rhine water way (2006 – 2011) and answer the questions which follow;

Rhine water way (2006 – 2011)

Year	Volume of Cargo (000) metric tonnes
2006	82,200
2007	84,500
2008	87,050
2009	90,000
2010	95,100
2011	96,250

- a) Draw a line graph to show the volume of Cargo handled by the Rhine water way between 2006 and 2011. **(08 marks)**
- b) Describe the;
 (i) trend of the volume of Cargo handled by the Rhine water way between 2006 and 2011. **(02 marks)**
 (ii) factors which have contributed to the development of the Rhine river as an Important water way. **(06 marks)**
- c) Explain the benefits of the Rhine water way to the Rhine lands. **(06 marks)**
- d) Outline the problems faced by the Rhine water way. **(03 marks)**

REGION III: CHINA

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

- (i) Rivers: Chang Jiang and Huang-he
 (ii) Ports: Kowloon and Shanghai
 (iii) The grand canal.

(07 marks)

b) Out line;

- (i) problems facing inland water ways in China.
 (ii) Steps being taken to improve inland water ways.

(04 marks)

(04 marks)

c) Explain the contribution of inland water ways to the development of China. **(06 marks)**

d) State any two;

- (i) exports,
(ii) imports, handled by inland water ways in China.

(04 marks)

12. Study the table below showing types of electricity used in China.

Type of electricity used	Percentage
Coal	79.0
Natural gas	0.5
Oil	2.4
Hydro power	16.0
Nuclear	2.1
Total	100

Adapted from: World Development indicators, 2008 World Bank, Washington D.C.

a) Draw a pie chart to represent the information given in the table above. **(10 marks)**

b) identify the;

(i) least

(ii) most

Popular type of energy used in China.

(02 marks)

c) Outline the disadvantages of using;

(i) coal

(03 marks)

(ii) hydro power

(03 marks)

as sources of energy for industrial development in china.

d) (i) Name any one industry in China which heavily depends on coal as a source of energy.

(01 mark)

(ii) Explain the contribution of the industry named in d(ii) above to the development of China.

(06 marks)

- End -