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GEOGRAPHY
Paper 2
November / 2022
2½ hours

EMIHEN GEOGRAPHY RESOURCES

END OF TERM YEAR 2022 EXAMINATIONS

Uganda Certificate of Education

S3 GEOGRAPHY

Paper 2

2 hours 30 minutes

INSTRUCTIONS TO CANDIDATES:

Answer four questions only.

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 I: THE REST OF AFRICA.

Answer two questions in this part.

1. Draw a sketch map of Africa and on it mark and name :

- a) (i) rivers : Niger, Nile and Congo
- (ii) Gulf of Guinea.
- (iii) basins: Congo basin, and Niger basin.
- (iv) highlands; Ethiopian highlands and Adamawa.

(09marks)

b) Describe the process responsible for formation of **any one** highland or basin in (a) (iii) and (iv) above.

(06marks)

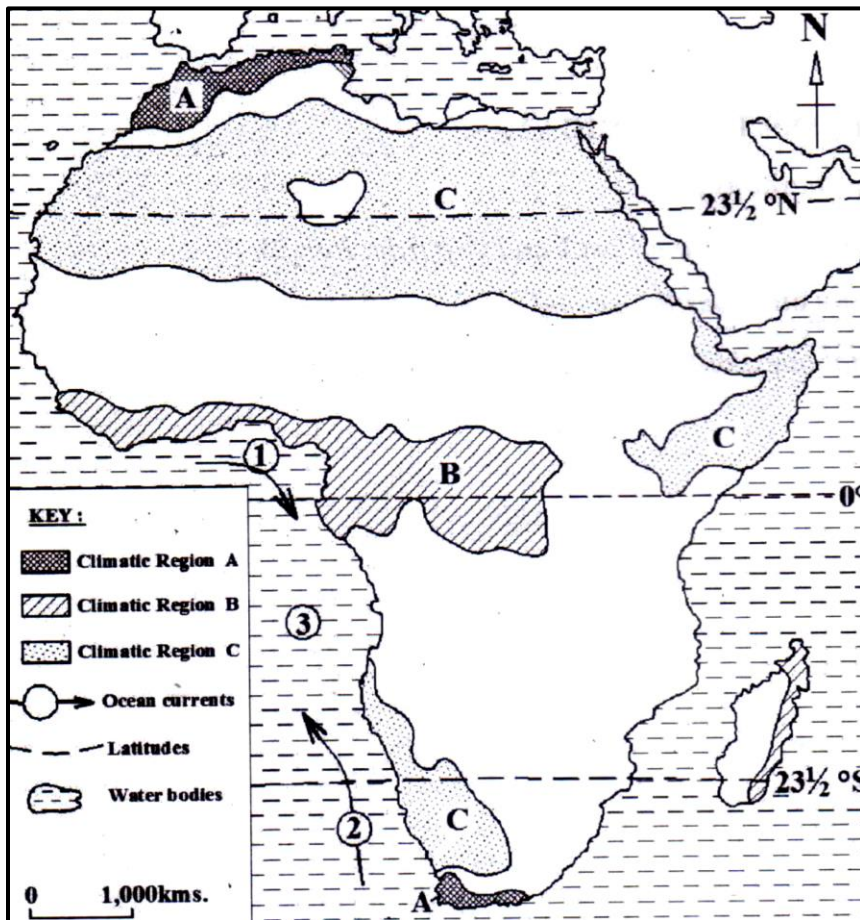
c) Outline the problems faced by inhabitants of areas near basins in Africa.

(04marks)

d) Explain how utilization of rivers can be improved to benefit people in Africa.

(05marks)

2. Study figure 1, Map of Africa provided and answer the questions that follow;



- a) Name the:
- climate regions marked **A,B** and **C**
 - ocean currents marked **1** and **2**
 - Water body marked **3**,
 - Latitude marked **23 1/2 °S** .
- (07 marks)**
- b) **Describe** the characteristics of climate region marked **C**. **(05marks)**
- c) Explain the:
- Economic activities carried out by the people living in the climate region **C**. **(04marks)**
 - Problems limiting full utilization of economic resources in areas affected by drought in Africa. **(05marks)**
- d) Suggest possible measures that should be taken to solve problems in (c)(ii) above. **(04marks)**

3 (a) Draw a sketch map of Africa and on it mark and name:

(i) towns: Cairo, Lagos and Cape Town.

(ii) areas covered by:

- tropical rain forests,
- Mediterranean forests and
- montane forests.

(iii) Latitude: Equator.

(08marks)

(b) **With specific examples**, describe the factors that have limited commercial exploitation of natural forests in Africa. **(05marks)**

(c) Explain the contributions of the forestry industry to **any one** country in Africa. **(06marks)**

(d) Outline the challenges resulting from reduction of forest cover in Africa. **(06marks)**

4. Study the table 1, showing the climate of station F and answer the questions that follow.

Months	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Rainfall (mm)	-	-	-	25	75	125	200	325	150	25	-	-
Temp (°C)	22	24	27	32	31	27	26	25	26	26	25	23

Adapted: W.J Minns: Ageography of Africa (p.36)

a) Calculate the:

(i) Mean annual rainfall, **(02marks)**

(ii) Mean annual temperature **(02marks)**

for station F.

b) **Draw** a suitable graph to show Rainfall and Temperature of station F. **(10marks)**

c) **Describe** the characteristics of the climate for the area where station F is found. **(06marks)**

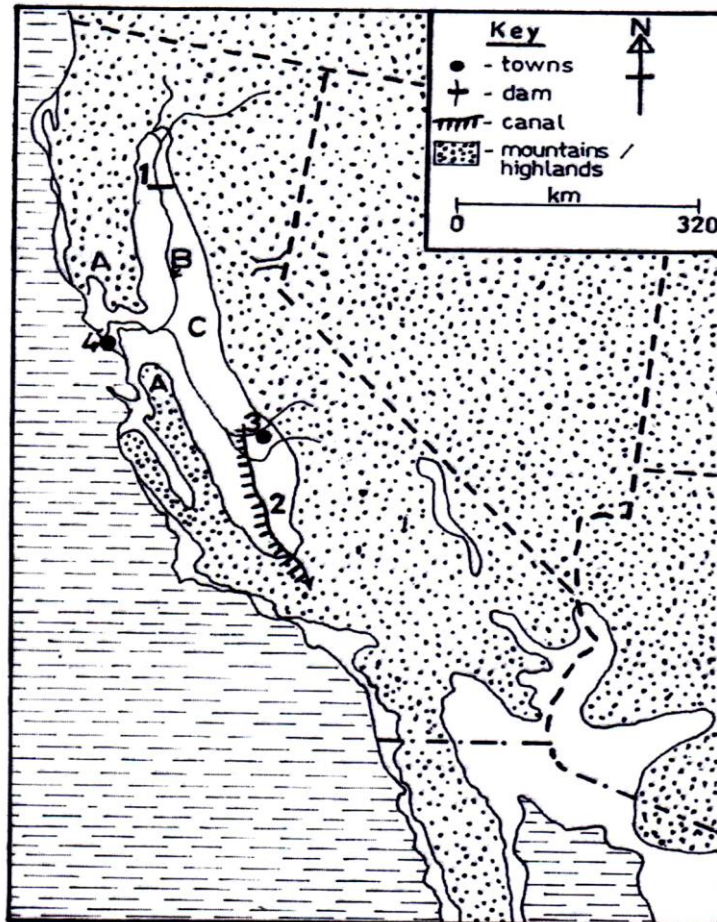
d) (i) **Explain** the possible problems faced by people living in the climate area where station F is found. **(05marks)**

PART II: STUDIES IN DEVELOPMENT

Answer **two** questions from this part.

REGION I: NORTH AMERICA.

5. Study Fig.2: Map of California provided below and answer questions that follow.



- a) Name the :
(i) Mountain ranges marked 1,
(ii) River marked B,
(iii) Valley marked C,
(iv) Dam marked 2,
(v) Towns marked 3 and 4. **(07marks)**
- b) Describe the conditions that have encouraged cotton growing in Southern California. **(08marks)**
- c) With specific examples, explain the contribution of cotton growing to the development of California. **(06marks)**
- d) Outline the problems faced by cotton growers in in (b) above. **(04marks)**

- 6. (a)** Draw a sketchmap of British Columbia and on it, mark and name:
- (i) the Pacific ocean,
 - (ii) rivers Nechako and Fraser,
 - (iii) fish processing ports: Vancouver, Kitimat and Victoria. (07 marks)
- (b)**
- (i) State any **two** commercial deep sea fishing methods used in British Columbia. (02 marks)
 - (ii) Describe how any **one** fishing method stated in (b) (i) above is used. (06 marks)
- (c)** Explain the conditions which have led to the development of the fishing industry in British Columbia. (06 marks)
- (d)** Outline the benefits of the fishing industry to the people of British Columbia. (04 marks)

7. Study table 3: showing the St. Lawrence Seaway monthly traffic results for July 2020 and answer the question that follow:

Type of Cargo	Traffic (in tonnes)
All grain	880,000
Iron ore	798,000
Coal	239,000
Dry bulk e.g. Cocoa, Sugar	1,077,000
Liquid bulk (Oil fuel, Chemicals, Fats)	346,000
General Cargo	360,000
Total cargo	3,700,000

- a) Draw a bar graph to represent the information in the table. (08marks)
- b) Calculate the percentage of traffic contributed by:
- (i) All grain and
 - (ii) Green cargo
- to the total cargo traffic for April, 2020. (04marks)
- c) Describe the conditions that have made St. Lawrence seaway an important traffic route for USA. (06 marks)
- d) (i) State four advantages of using St. Lawrence seaway. (04marks)
- (ii) What problems are still being faced by the great lakes and the St. Lawrence Seaway? (03marks)

REGION II: RHINELANDS

8. (a) Draw a sketch-map showing the Ruhr region of Germany and on it mark and name the:
- (i) rivers; Rhine and Ruhr,
 - (ii) canals; Lippe and Rhine Herne,
 - (iii) mining centers; Bochum, Essen and Dortmund,
 - (iv) Ruhr coal fields. (08 marks)
- (b) Describe the factors that have favoured coal mining in the Ruhr region. (08 marks)
- (c) Explain the challenges facing coal mining in the Ruhr region. (06 marks)
- (d) Identify any **three** uses of coal. (03 marks)
9. Study table 3, showing Swiss export revenue in 2017 in billion US dollars and answer the questions that follow.

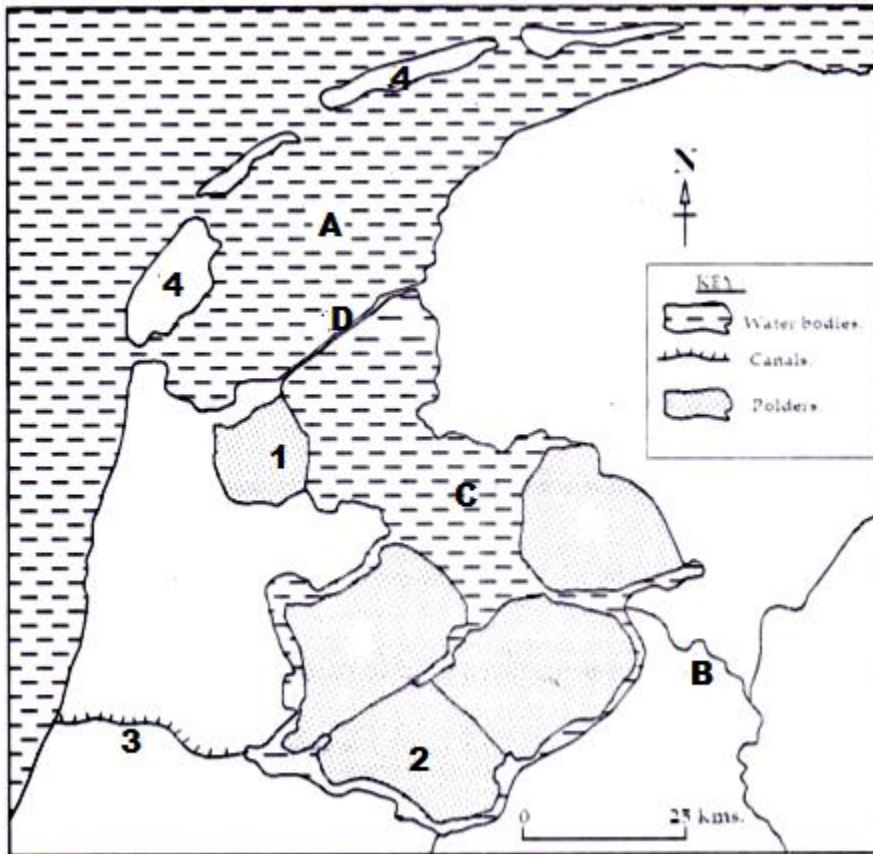
Table 3

Industry	Export revenue in billion US dollars
Pharmaceuticals and chemicals	98.6
Metals and machinery	61.3
Watch making	19.9
Total	179.8

Adapted: *Swiss Tourism in figures, structure and industry data. 2017. P8.*

- (a) Draw a pie-chart to represent the information given in the table. (07 marks)
- (b) (i) Identify the type of industry that contributed the
- most, and
 - least export
- revenue to Switzerland. (02 marks)
- (ii) Name any **three** industrial centres found in Switzerland. (03 marks)
- (c) Describe the factors favouring the development of industries in Switzerland. (08 marks)
- (d) Outline the problems being faced by the industrial sector in Switzerland. (05 marks)

10. Study Fig.4: Map showing the Zuider zee areas and answer the questions that follow:



a) Name the :

- (i) Polders marked 1 and 2,
- (ii) Water bodies marked A and C,
- (iii) Islands marked 4,
- (iv) Dyke marked D,
- (v) Canal marked 3.
- (vi) River marked B

(08marks)

b) Explain the conditions which necessitated the reclamation of the polders 1 and 2.

(06marks)

c) Describe the process of land reclamation in the Netherlands.

(05marks)

d) Outline the problems faced by the people using the polders.

(06marks)

REGION III: CHINA.

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

(i) Areas receiving mean annual rainfall of :

- Over 1500mm,
- Between 500mm and 1500mm,
- Below 500mm.

(ii) The East China sea,

(iii) The Yangtse river and Yellow river,

(iv) The tropic of cancer.

(08marks)

4 Describe the factors that have influenced rainfall distribution in China.

(08marks)

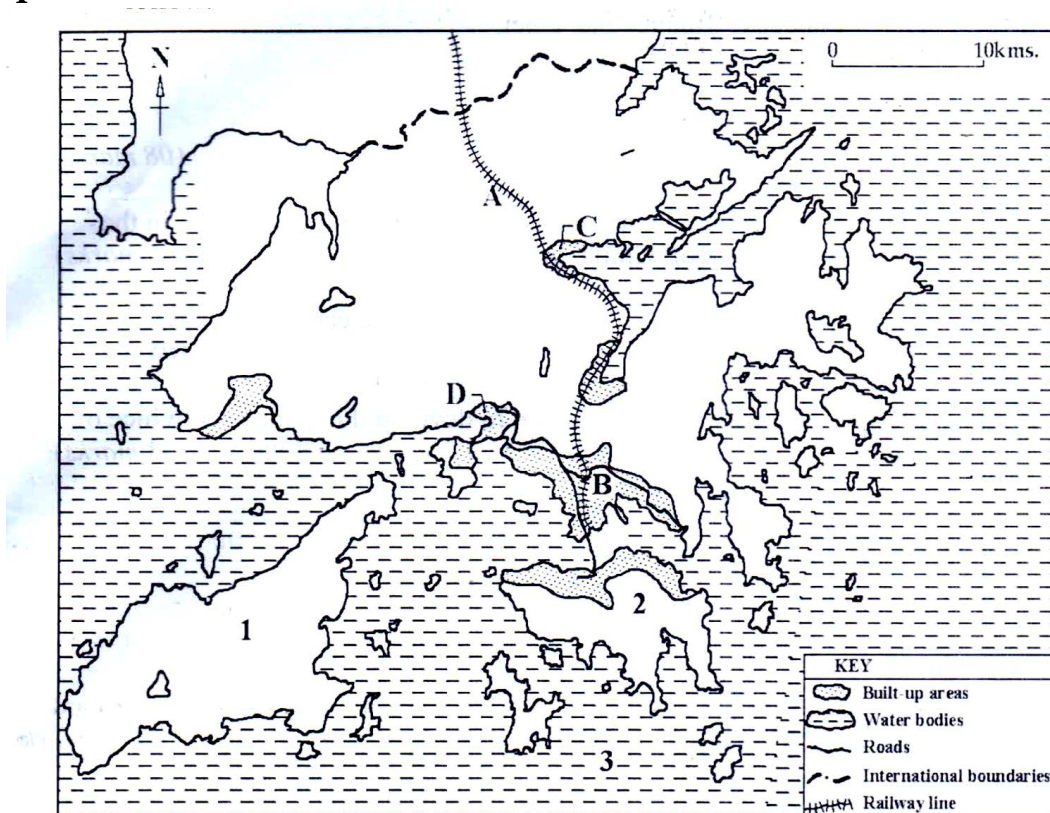
5 Explain the effects of climate on human activities in areas receiving mean annual rainfall less than 500mm.

(06marks)

6 Outline the measures being taken to improve human activities in the area mentioned above.

(03marks)

12. Study figure below showing the site of Hong Kong and answer the questions that follow:



- (a) Name the:
- (i) islands marked **1** and **2**,
 - (ii) railway line marked **A**,
 - (iii) road marked **B**,
 - (iv) built up areas marked **C** and **D**,
 - (v) water body marked **3**.
- (07 marks)*
- (b) Describe the conditions that favoured the development of Hong Kong entrepôt. *(08 marks)*
- (c) Explain the importance of Hong Kong entrepôt in the development of China. *(06 marks)*
- (d) Outline the problems which resulted from the development of Hong Kong entrepôt. *(04 marks)*

13. (a) Draw a sketchmap of China and on it, mark and name the:

- (i) Plateaus: Yunnan and Tibet,
 - (ii) Rivers: Red and Mekong,
 - (iii) Sichuan basin,
 - (iv) neighbouring countries: Vietnam and Burma.
- (08 marks)*
- (b) Describe the economic activities which are being carried out in the Yunnan province of China. *(06 marks)*
- (c) Explain the factors which have influenced the economic activities identified in (b) above. *(08 marks)*
- (d) Outline the measures being taken to develop the Yunnan province of China. *(03 marks)*

END