

273/2  
GEOGRAPHY  
Paper 2  
July/August 2018  
2½ hours



WAKISSHA JOINT MOCK EXAMINATIONS,

Uganda Certificate of Education

GEOGRAPHY

Paper 2

2 hours 30 minutes

INSTRUCTIONS TO CANDIDATES:

- Answer four questions only.
- 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 additional question(s) answered will not be marked.

## PART I : THE REST OF AFRICA

*Answer two questions only from this part.*

1. Study figure 1 drawn below and answer the questions that follow:

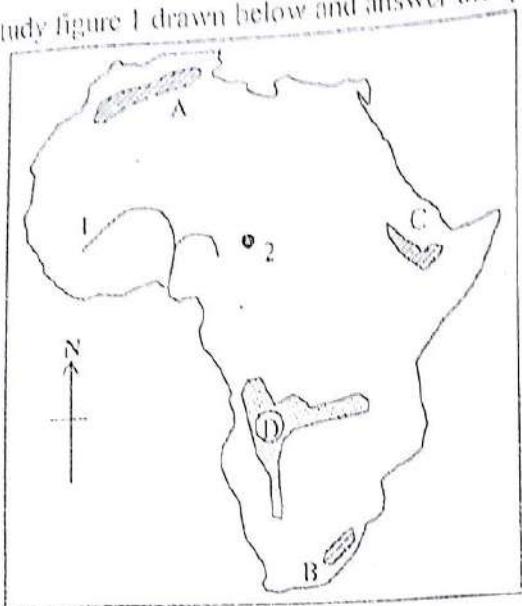


Fig. 1

Key

- (1) Highland
- (2) Water body
- (3) Rivers
- (4) Plateau

- (a) Name the:
- (i) Highlands marked A, B, and C
  - (ii) Plateau marked D
  - (iii) River marked 1
  - (iv) Lake marked 2
- (06 marks)
- (b) Describe the process which led to the formation of mountain marked A in (a) (i) above. (09 marks)
- (c) Explain the importance of mountains to the surrounding areas. (05 marks)
- (d) Outline the problems facing people living around mountains of Africa. (05 marks)

2. Study figure 2, map of Nigeria showing plantation farms and answer the questions that follow:

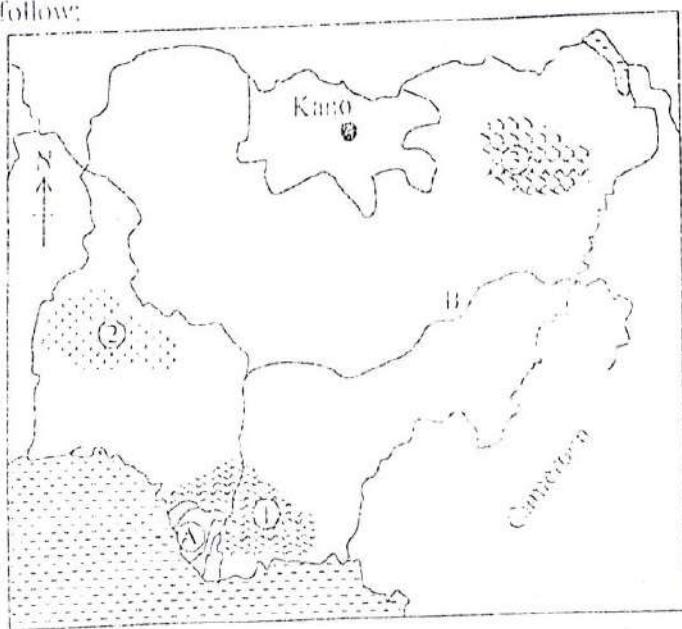


Fig. 2

Key

- (~) Rivers
- (\*) Towns
- (---) Water body

- (a) Name the:
- delta marked A
  - river marked B
  - crop grown on each of the plantations marked 1, 2 and 3
- (05 marks)
- (b) How is oil palm harvested? (05 marks)
- (c) Describe the physical factors that favoured the growing of oil palm in Nigeria. (06 marks)
- (d) (i) Explain the contribution of oil palm growing to Nigeria. (05 marks)  
(ii) Outline the effects of oil palm growing on the environment in Nigeria. (04 marks)

3. Study table I below, showing copper production in Zambia between 1975-1990 and answer the questions that follow:

Year	Annual production "000" metric tons.
1975	676.9
1980	595.8
1985	452.6
1990	445.0

Table I

Source: *World resources: A guide to Global environment,*

- (a) Draw a bar graph to show the trend of copper production in Zambia between 1975 and 1990. (06 marks)
- (b) Give reasons for the trend in copper production in Zambia between 1975 and 1990. (04 marks)
- (c) (i) Explain the problems facing the copper mining industry in Zambia. (05 marks)  
(ii) Give ways in which the problems in (c) (i) are being solved. (05 marks)
- (d) Outline the contributions of mining to the economy of Zambia. (05 marks)

Turn Over

4. Study figure 3 below showing North West African fishing ground and answer the questions that follow:

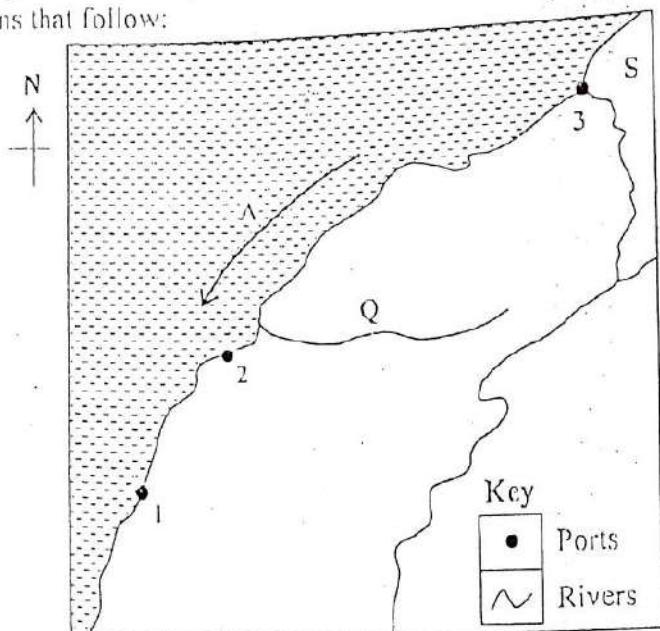


Fig. 3

- (a) Name:
  - (i) Country marked S
  - (ii) Ports marked 1, 2 and 3
  - (iii) Ocean current marked A
  - (iv) River marked Q(06marks)
- (b) Describe the physical factors that have favoured marine fishing in Africa.  
~~~~~(05 marks)
- (c) State the factors that have limited commercial fishing in Africa.(07 marks)
- (d) What changes are being made to improve fishing in Africa?(07 marks)

## PART II: STUDIES IN DEVELOPMENT

*Answer two questions from in this part.*

### REGION I: NORTH AMERICA

5. (a) Draw a sketch map of British Columbia and on it mark and name;
- (i) Rivers: Stikine and Fraser,
  - (ii) Railway lines: Canadian National and Canadian Pacific railways,
  - (iii) Saw milling centres: Kitimat and Prince Rupert
- (07 marks)
- (b) Describe the factors that have favoured the growth of forests in British Columbia.(05 marks)
- (c) Give reasons why most saw mills are located at the coast?(05 marks)
- (d) Explain the steps being taken to improve the forestry sector.(08 marks)

Study Table 2 showing major industrial town exports in North America (2000) and answer the questions that follow.

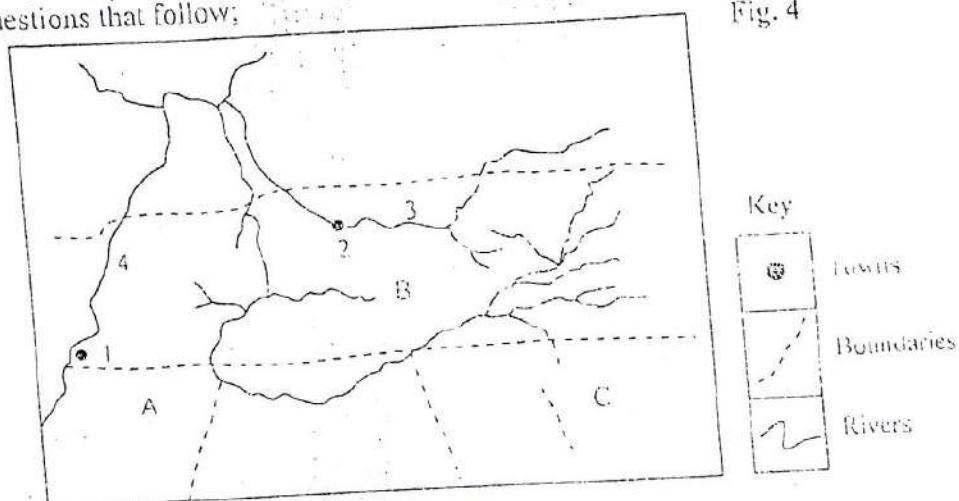
Table: Major Industrial town's exports

| Town        | Exports (000) tonnes |
|-------------|----------------------|
| Los Angeles | 16,100               |
| Toronto     | 4,500                |
| Chicago     | 9,000                |
| New York    | 20,900               |
| Montreal    | 3,500                |
| Vancouver   | 1,800                |
| Total       | 55,800               |

Table 2

- (a) Draw a pie chart to show the relative importance of the information given in the table. (12 marks)
- (b) Name two types of industries found in New York industrial centre. (02 marks)
- (c) Describe the conditions which have favoured the development of industries in North America. (04 marks)
- (d) Outline the:
- (i) Benefits of the industrial sector to North America. (04 marks)
  - (ii) Environmental problems which have resulted from the establishment of industries in North America. (03marks)
7. (a) Study figure 4 sketch map of the Tennessee river valley and answer the questions that follow;

Fig. 4



Name

- (a) (i) States : A, B and C  
 (ii) Towns: 1 and 2  
 (iii) Rivers: 3 and 4 (07 marks)
- (b) Describe the conditions which necessitated the establishment of the Tennessee Valley Authority project. (05 marks)
- (c) Explain the steps that were taken to solve the problems in the Tennessee area. (05 marks)

Turn Over

- (d) (i) State the benefits of the project to the people in the area. (04 marks)  
(ii) Outline the problems that were created by the project. (04 marks)

## REGION II: RHINELANDS

8. Study figure 5 sketch map of Switzerland and answer the questions that follow:

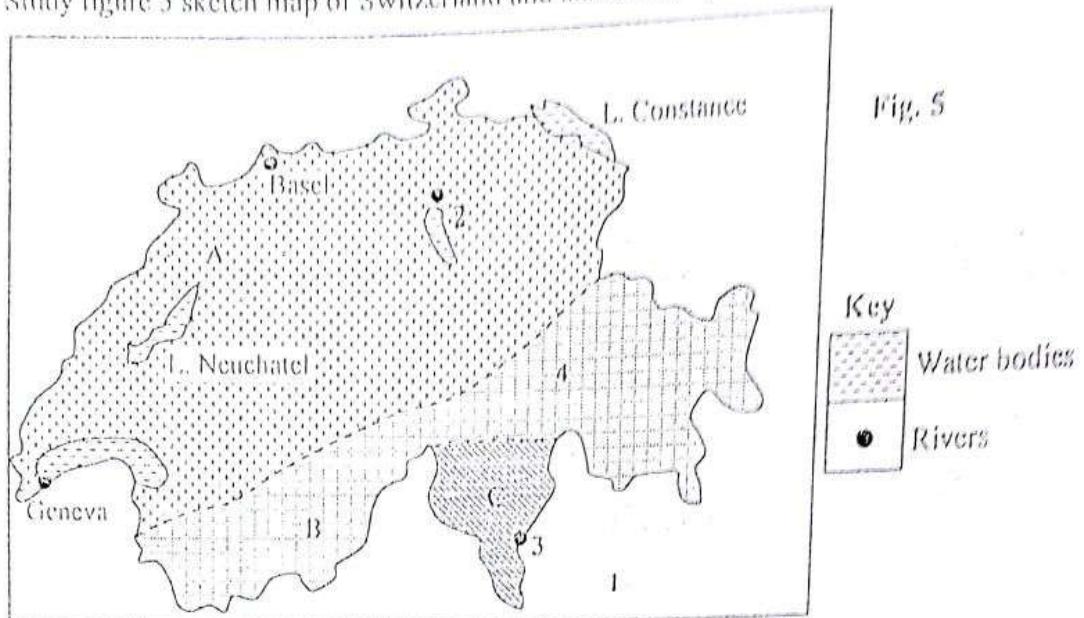


Fig. 5

- (a) Name the;  
(i) Climatic regions A, B, and C  
(ii) Neighbouring country i  
(iii) Towns 2 and 3  
(iv) Dominant economic activity in region 4 (07 marks)
- (b) Describe the characteristics of the climate of Switzerland. (05 marks)
- (c) Explain the factors that influence the climate of Switzerland. (08 marks)
- (d) State the influence of climate on agricultural activities in Switzerland. (05 marks)
9. (a) (i) Define the term "hinterland". (02 marks)  
(ii) Describe the factors that have favoured the location and growth of Rotterdam Port. (06 marks)
- (b) State the functions of Rotterdam port. (05 marks)
- (c) Explain the problems facing Rotterdam port. (06 marks)
- (d) Suggest the solutions to problems facing Rotterdam port. (06 marks)

Study figure 6, map of the Rhine River valley and answer the questions that follow:

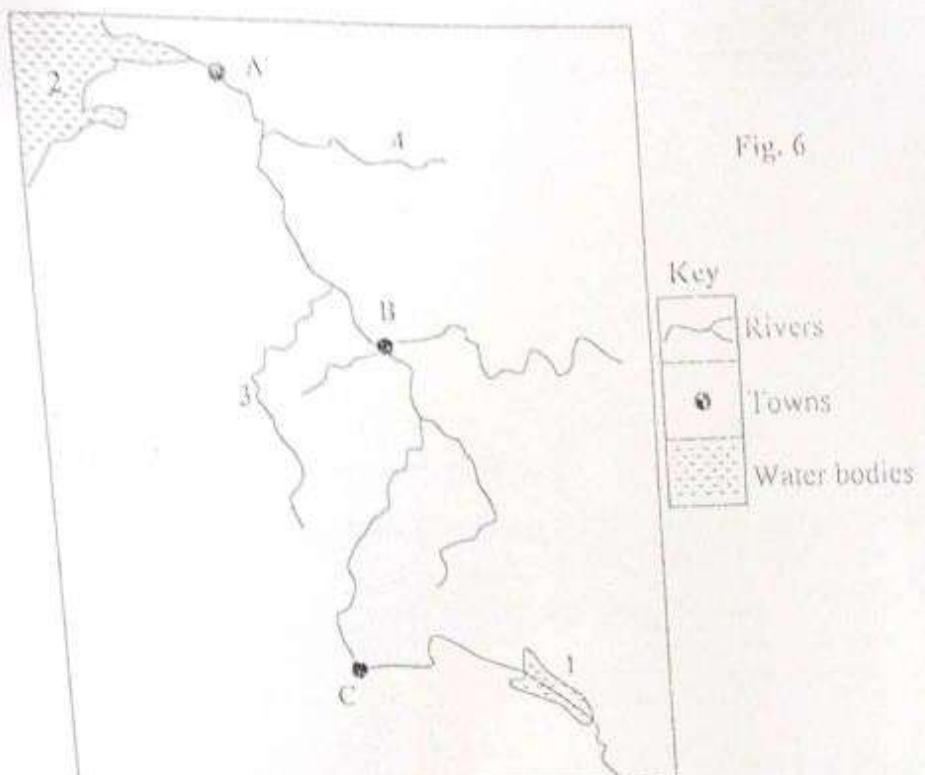


Fig. 6

- (a) Name:  
(i) Water bodies 1 and 2  
(ii) Port cities A, B and C  
(iii) River tributaries 3 and 4 (07 marks)
- (b) Explain the influence of relief on economic activities carried out along Rhine river valley. (08 marks)
- (c) Describe the factors that have favoured water transport along the Rhine River. (05 marks)
- (d) State the problems facing transport along the Rhine water way. (05 marks)

#### REGION III - CHINA:

- III. (a) Draw a sketch map of China and on it mark and label areas of:  
(i) High population density of over 400 people per  $\text{km}^2$   
(ii) Low population density; 0 - 9 people per  $\text{km}^2$ .  
(iii) Rivers; Yellow River and Yangtze Kiang.  
(iv) Towns; Beijing and Canton. (07 marks)
- (b) Describe the conditions which are responsible for the;  
(i) High population density (06 marks)  
(ii) Low population density (04 marks)
- (c) Explain the problems faced by people living in the densely populated areas of China. (05 marks)
- (d) Outline measures being taken by China to solve the problems in (c) above. (05 marks)

Turn Over

12. Study figure 7 map of China and answer the questions that follow;

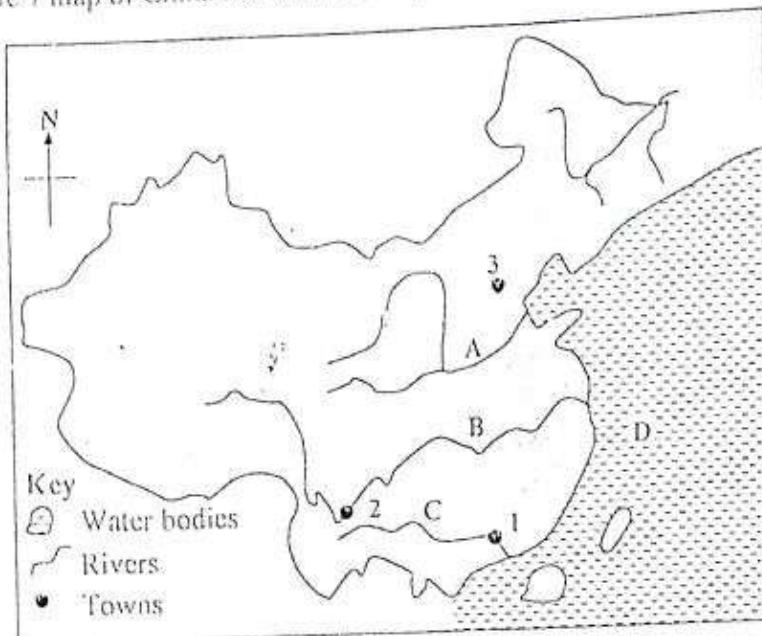


Fig. 7

- Name the;
  - Towns; 1, 2 and 3.
  - Water body; D.
  - Rivers; A, B and C.(07 marks)
- Describe the steps taken by China to develop the Yangtze Kiang River basin.  
(06 marks)
- Explain the benefits of the Yangtze Kiang River basin to the people living in the surrounding areas.  
(06 marks)
- Outline the problems that resulted from the development of the Yangtse Kiang River basin.  
(06 marks)

13. Study table 3 showing the climate of Manchuria and answer the questions that follow;

| Month                      | J   | F   | M    | A    | M    | J    | J    | A    | S    | O    | N    | D   |
|----------------------------|-----|-----|------|------|------|------|------|------|------|------|------|-----|
| Temp( $^{\circ}\text{C}$ ) | 4.6 | 6.1 | 10.0 | 16.7 | 21.7 | 26.7 | 29.4 | 29.4 | 25.1 | 19.6 | 10.7 | 7.3 |
| R/F(mm)                    | 48  | 48  | 97   | 152  | 165  | 244  | 180  | 97   | 81   | 71   | 48   | 48  |

Table 3

- Calculate the;
  - Rainfall totals.
  - Mean annual temperature.
  - Annual temperature range.(03 marks)
- Draw a suitable graph to represent the climate of Manchuria.  
(09 marks)
- Describe the climatic characteristics of Manchuria.  
(05 marks)
- State the influence of climate on human activities carried out at the station.
  - Outline the problems facing people living at the station.(04 marks)
(04 marks)

END

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**Paper 2**

**2 hours 30 minutes**

**INSTRUCTIONS TO CANDIDATES:**

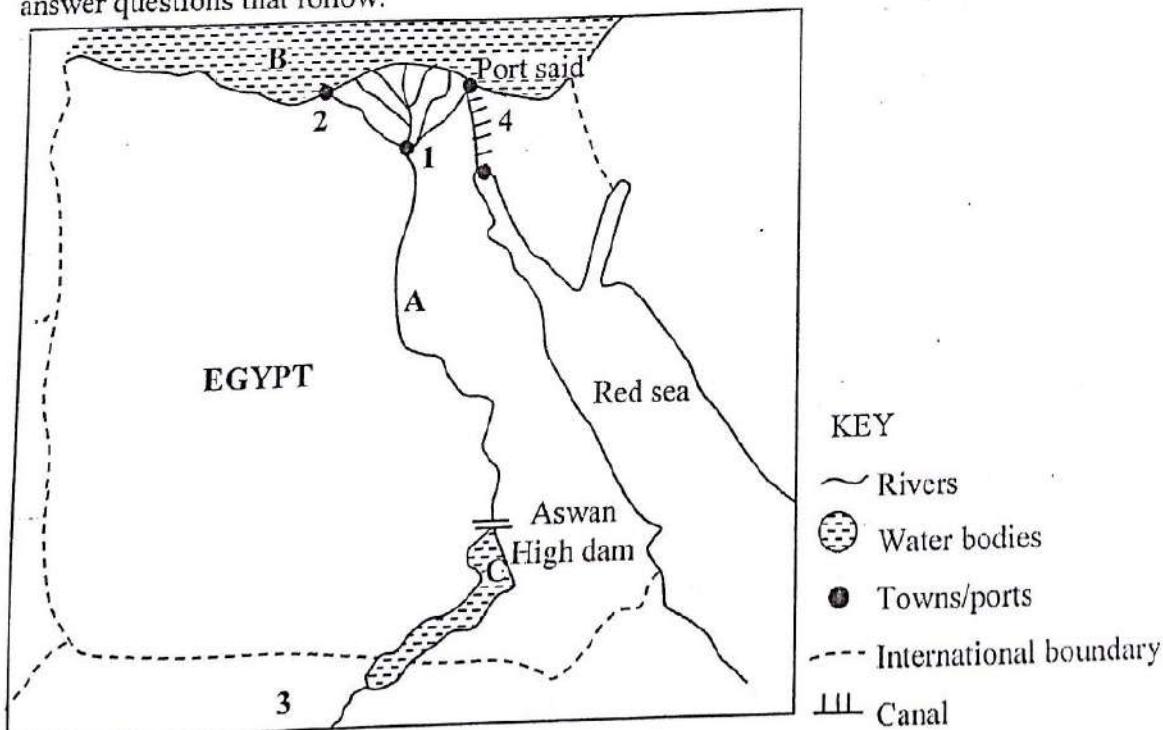
- *Answer four questions only.*
- *Choose two questions from part I and two from part II.*
- *In part II only one question should be chosen from any one region.*
- *Any additional question(s) answered will not be marked.*

## PART I : THE REST OF AFRICA

*Answer two questions only from this part.*

1. (a) Draw a sketch map of Africa and on it mark and label
  - (i) Natural vegetation types:
    - Rain forests
    - High Veld
    - Savannah
    - Mediterranean
  - (ii) High lands: (07 marks)  
Ethiopian and Drakensburg.
- (b) Describe the characteristics of either Rainforests or Mediterranean vegetation. (06 marks)
- (c) Explain the conditions which have led to the growth of the vegetation type you have described in (b) above. (06 marks)
- (d) Outline the benefits of the natural vegetation type chosen in (b) above. (06 marks)

2. Study figure 1, Map of Egypt showing the location of the Aswan Dam project and answer questions that follow.



**Fig. 1**

- (a) Name the;
  - (i) towns / ports marked 1 and 2
  - (ii) country marked 3
  - (iii) water bodies marked A, B and C
  - (iv) canal marked 4 (07 marks)
- (b) Describe the physical factors which favoured the establishment of the Aswan High dam project in Egypt. (04 marks)

- (c) Explain the contribution of the Aswan High dam project to the development of Egypt. (06 marks)
- (d) Outline;  
 (i) problems created by the project (04 marks)  
 (ii) steps being taken by Egypt to solve the problems in (d) (i) above (04 marks)

Study table 1, showing sugar exports from S. Africa (1998 - 2003) in metric tonnes.

| Year | Exports "000" |
|------|---------------|
| 1998 | 1,230         |
| 1999 | 1,140         |
| 2000 | 1,470         |
| 2001 | 1,540         |
| 2002 | 1,170         |
| 2003 | 1,000         |

Source: African development indicators:

Table 1

- (a) (i) Calculate the percentage change in sugar exports between 1998 – 2003 (02 marks)  
 (ii) Draw a line graph to show the trend of sugar exports. (07 marks)
- (b) (i) Describe the trend of sugar exports between 1998 – 2003. (04 marks)  
 (ii) Explain the causes of the trend in b(i) above. (04 marks)
- (c) (i) State three uses of sugar. (03 marks)  
 (ii) What measures have been taken to improve sugar exports in South Africa? (05 marks)

Study figure 2, sketch map of Tema Port and answer the questions that follow:

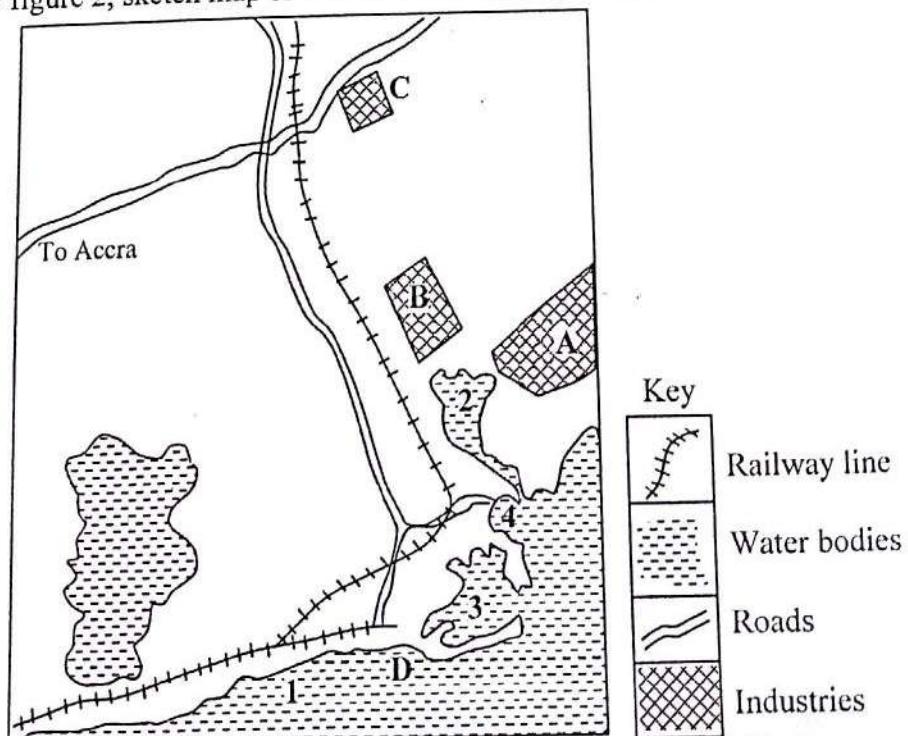


Fig. 2

- (a) Name:  
 (i) Water bodies 1 and 2  
 (ii) Harbours 3 and 4  
 (iii) Industries A, B and C  
 (iv) Gulf marked D (08 marks)
- (b) Describe the physical factors that led to the development of Tema port. (05 marks)
- (c) Explain the importances of Tema port to Ghana (08 marks)
- (d) Outline the negative effects of growth of ports on the environment. (04 marks)

## PART II: STUDIES IN DEVELOPMENT

*Answer two questions from in this part.*

### REGION 1: NORTH AMERICA:

5. (a) Draw a map of the area covered by the Tennessee Valley Authority and on it mark and name;  
 (i) States: Alabama and Tennessee  
 (ii) Rivers: Tennessee, Ohio and Mississippi  
 (iii) Towns: Poducah and Nashville  
 (iv) Appalachian mountains (09 marks)
- (b) Describe the conditions that led to the formation of Tennessee Valley Authority Project. (05 marks)
- (c) Explain the problems resulting from the establishment of the Tennessee Valley Project. (05 marks)
- (d) Outline the contribution of the Tennessee Valley Project to industrial development in the region. (06 marks)
6. (a) (i) Name any two states found in the;  
 - Old cotton  
 - New cotton belt (04 marks)  
 (ii) Explain the factors that led to the decline in cotton growing in the old cotton belt. (05 marks)
- (b) Describe the factors that favoured cotton growing in the new cotton belt. (06 marks)
- (c) State the benefits of cotton growing to the people of the South. (06 marks)
- (d) Outline the negative effects of cotton growing to the South. (04 marks)
7. Draw a sketch map of California and on it mark and name:  
 (a) (i) Towns: Sacramento and Fresno  
 (ii) Mountains: Sierra Nevada and Coastal ranges  
 (iii) Rivers: San Joaquin and Sacramento  
 (iv) Canal: Delta Mendota (08 marks)  
 (b) (i) Outline the characteristics of market gardening. (03 marks)

- (ii) Describe the conditions that favoured market gardening in the central valley. (05 marks)
- (c) Explain the benefits of market gardening to California. (05 marks)
- (d) Outline the problems arising from irrigation farming on the physical environment. (04 marks)

## REGION II: RHINELANDS

8. (a) Draw a sketch map of Belgium on it mark and name;  
 (i) North sea and Albert canal  
 (ii) Rivers; Meuse, Scheldt and Dendre  
 (iii) Towns; Brussels, Verviers and Zelzate  
 (iv) Coal fields. (10 marks)
- (b) Describe the factors that have favoured coal mining in Belgium (06 marks)
- (c) Explain the benefits of mining to Belgium. (05 marks)
- (d) Outline the effects of mining on the physical environment in Belgium. (04 marks)

9. Study table 2, showing energy production in Germany (2005) and answer the questions that follow.

Energy production in percentages (2005)

| Types of energy | % of total energy |
|-----------------|-------------------|
| Coal            | 49.8              |
| Gas             | 11.3              |
| Oil             | 1.7               |
| Hydro power     | 3.2               |
| Nuclear power   | 26.6              |
| others          | 7.4               |

Table 2

- (a) Draw a pie chart to show energy production in Germany. (12 marks)
- (b) Describe the factors which have favoured the development of the industrial sector in Germany. (06 marks)
- (c) Outline the;  
 (i) environment problems which have resulted from the establishment of industries in Germany. (04 marks)  
 (ii) steps being taken to solve the problems in d (i) above. (03 marks)

Turn Over

10. Study figure 3, showing the Rhine Basin and answer the questions that follow;

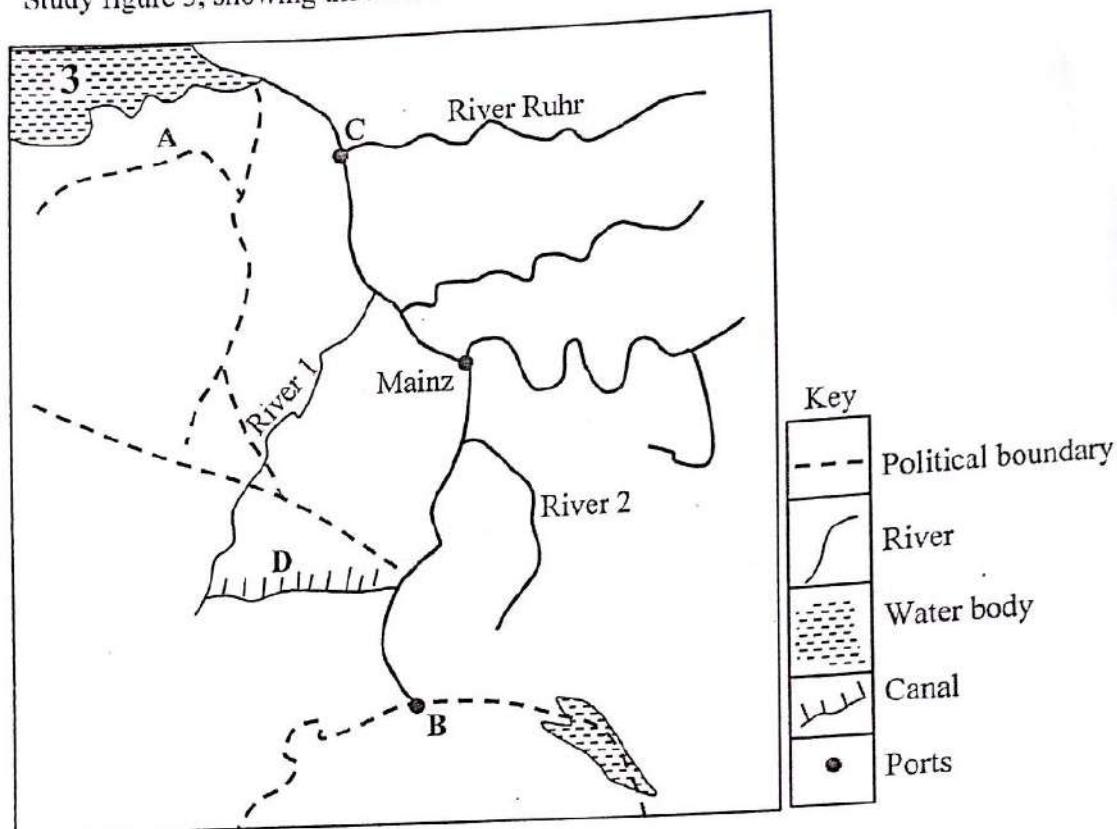


Fig. 3

- (a) Name the following; (07 marks)
- Rivers marked; 1 and 2
  - Water body: 3
  - Country: A
  - Ports: B and C
  - Canal: D
- (b) Describe the factors which contributed to the development of the Rhine waterway. (06 marks)
- (c) Explain the problems faced by the Rhine water way. (06 marks)
- (d) Outline the solutions to the above problems in (c) above. (06 marks)

11.

**REGION III - CHINA**  
 Study table 3, showing crop production by Yang Tan People's Commune and answer the questions that follow:

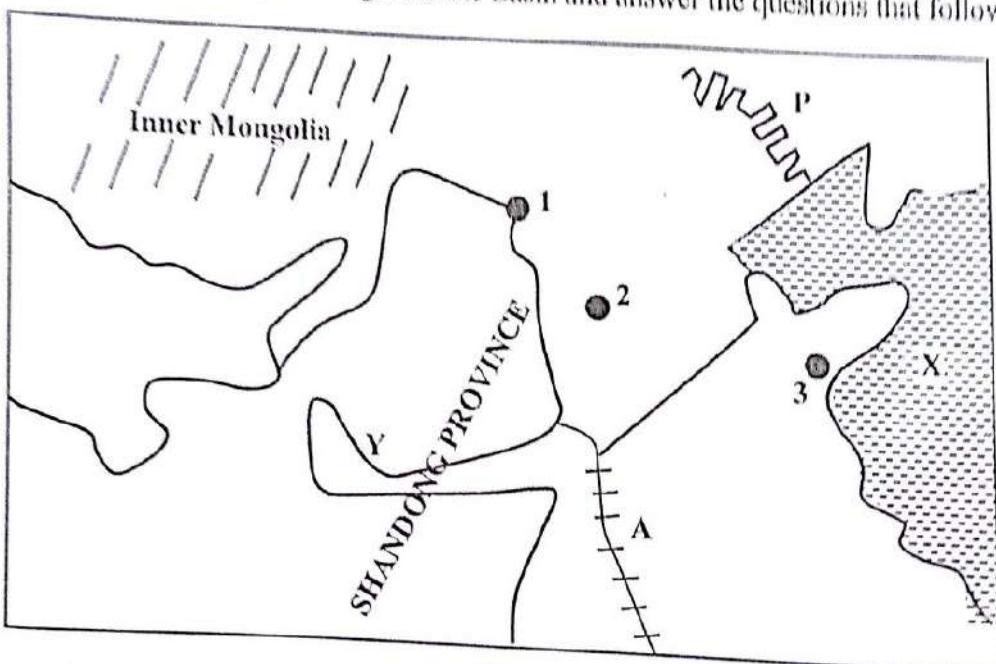
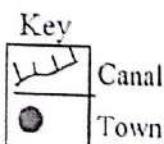
| Crops          | Production (metric tonnes) |
|----------------|----------------------------|
| Rice           | 115,000                    |
| Wheat          | 102,000                    |
| Sweet potatoes | 90,000                     |
| Corn           | 84,900                     |
| Oats           | 71,260                     |

**Table 3**

- (a) Draw a bar graph to show the information contained in the table. (07 marks)  
 (b) Describe the characteristics of communal farming in China. (05 marks)  
 (c) Identify the:  
   (i) Advantages;  
   (ii) Disadvantages;  
 (d) Outline the steps being taken to improve farming in China. (08 marks)  
 (e) Outline the steps being taken to improve farming in China. (05 marks)

12.

Study figure 4, the map of Yangtze River Basin and answer the questions that follow:

**Fig. 3**

- (a) Name the:  
   (i) towns: 1, 2 and 3.  
   (ii) canal; A.  
   (iii) water bodies; X and Y.  
   (iv) feature; P. (07 marks)

- (b) Explain the conditions that have favoured fishing activities in water body marked X. (06 marks)
- (c) Outline the problems faced by the fishing industry in China. (05 marks)
- (d) (i) Suggest possible measures to overcome the problems mentioned in (c) above. (04 marks)
- (ii) Identify three fish species caught in China. (03 marks)
13. (a) Name any two
- (i) Winter crops;
- (ii) Summer crops; grown in china. (04 marks)
- (b) Describe the factors that have favoured agriculture in China. (08 marks)
- (c) Explain the problems limiting growth of crops in China. (08 marks)
- (d) What changes have been made to improve agriculture in China? (05 marks)

**END**

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**2 hours 30 minutes**

**INSTRUCTIONS TO CANDIDATES:**

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**Turn Over**

## PART I : THE REST OF AFRICA

*Answer two questions from this part.*

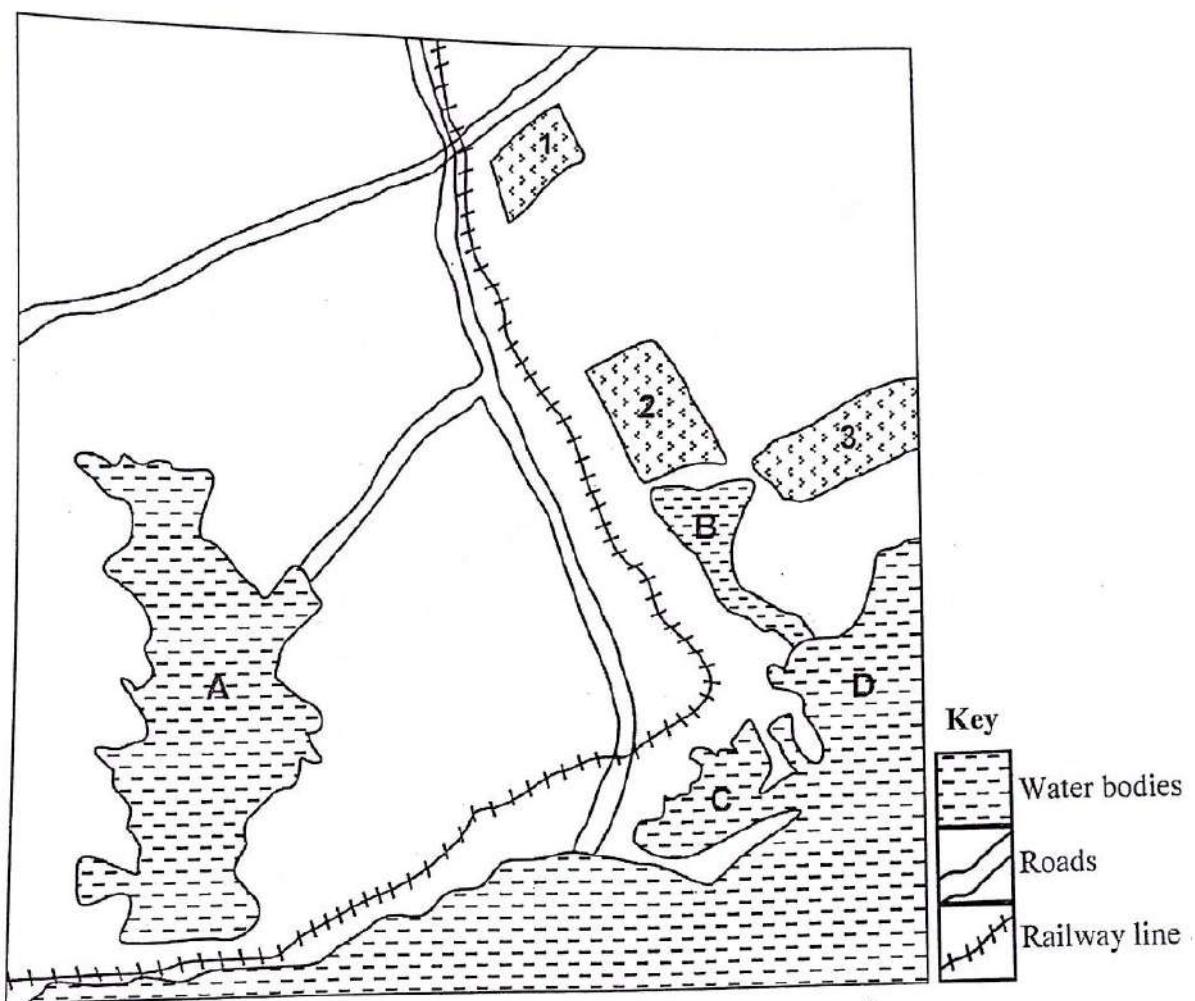
1. (a) Draw a sketch map of Africa and on it mark and name:
- (i) The Great Rift Valley.
  - (ii) Highlands: Atlas and Drakensberg
  - (iii) Rivers: Senegal and Zambezi
  - (iv) Chad Basin
- (07 marks)
- (b) Describe how the rift valley was formed.
- (c) State the benefits of the rift valley to the people in the surrounding areas. (06 marks)
- (d) Outline the challenges faced by people living within the rift valley region. (05 marks)
2. Study **table 1** showing number of people working in the fishing sector for selected African countries in "000"s and answer the questions that follow:

| Country      | Number of people employed |
|--------------|---------------------------|
| CHAD         | 300                       |
| IVORY COAST  | 20                        |
| GABON        | 80                        |
| NAMIBIA      | 30                        |
| SENEGAL      | 56                        |
| <b>TOTAL</b> | <b>486</b>                |

*Adapted; World Resources institute - World Bank.*

- (a) Draw a pie-chart to show the relative importance of fishing towards employment in selected countries. (10 marks)
- (b) Describe the physical conditions that have favoured fishing in Gabon. (05 marks)
- (c) Explain the problems facing the fishing sector in Africa. (05 marks)
- (d) What steps are being taken to improve marine fishing in Africa? (05marks)

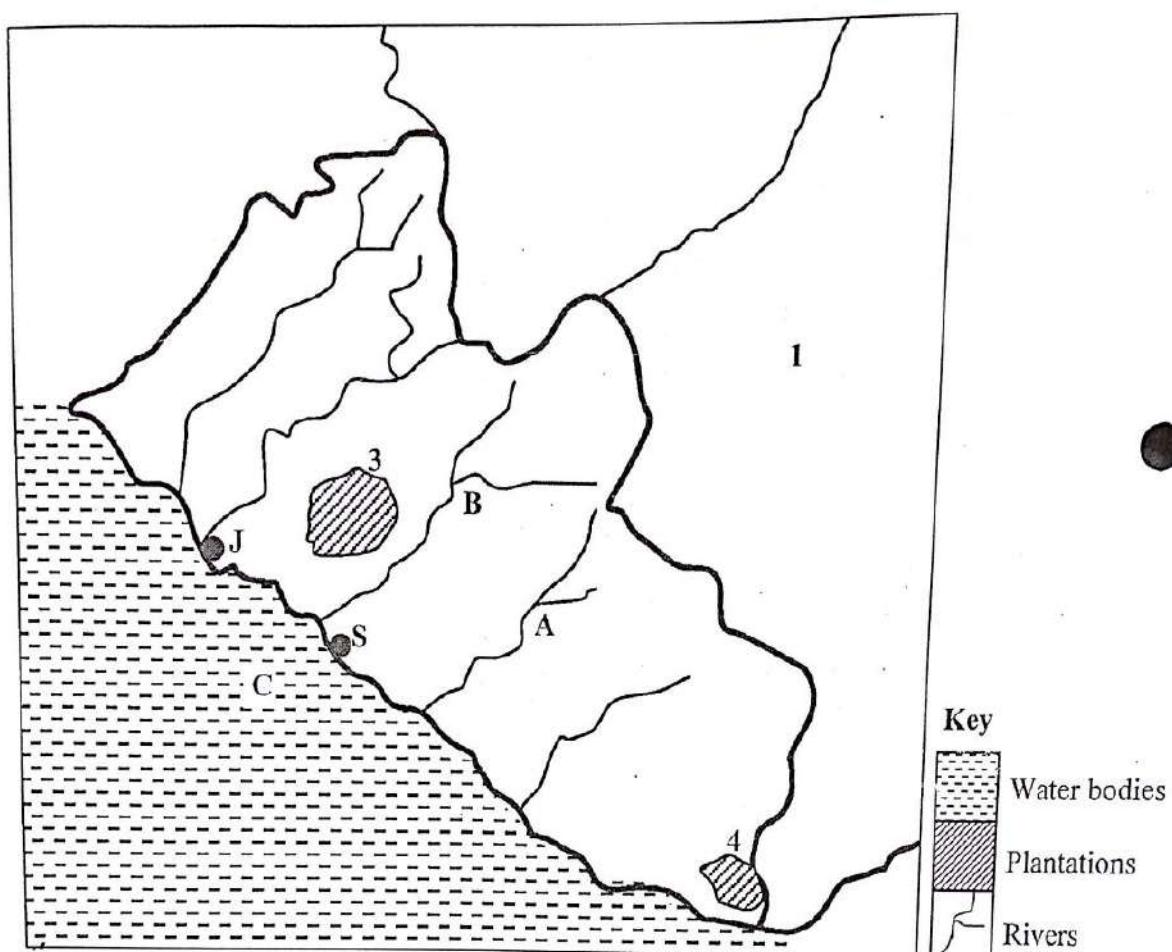
3. Study Fig. 1 Sketch map of Tema Port and answer the questions that follow.



- (a) Name:
- (i) lagoons A and B
  - (ii) Harbours C and D
  - (iii) Industries 1, 2 and 3. (07 marks)
- (b) Describe the factors that favoured the location of Tema port. (05 marks)
- (c) Mention the importances of Tema port to Ghana. (05 marks)
- (d) Explain the problems facing Tema port. (08 marks)

Turn Over  
3

4. Study Fig. 2 sketch map of Liberia showing rubber growing areas and answer the questions that follow.



Name:

- (i) Country 1
  - (ii) Water body C
  - (iii) Rivers A and B
  - (iv) Towns J and S
  - (v) Plantations 3 and 4
- (08 marks)
- (b) Describe the physical factors that have favoured rubber growing in Liberia. (06 marks)
  - (c) Explain the physical effects of monoculture to the environment of Liberia. (06 marks)
  - (d) State the benefits of rubber growing to the economy of Liberia. (05 marks)

## PART II: STUDIES IN DEVELOPMENT

*Answer two questions from in this part.*

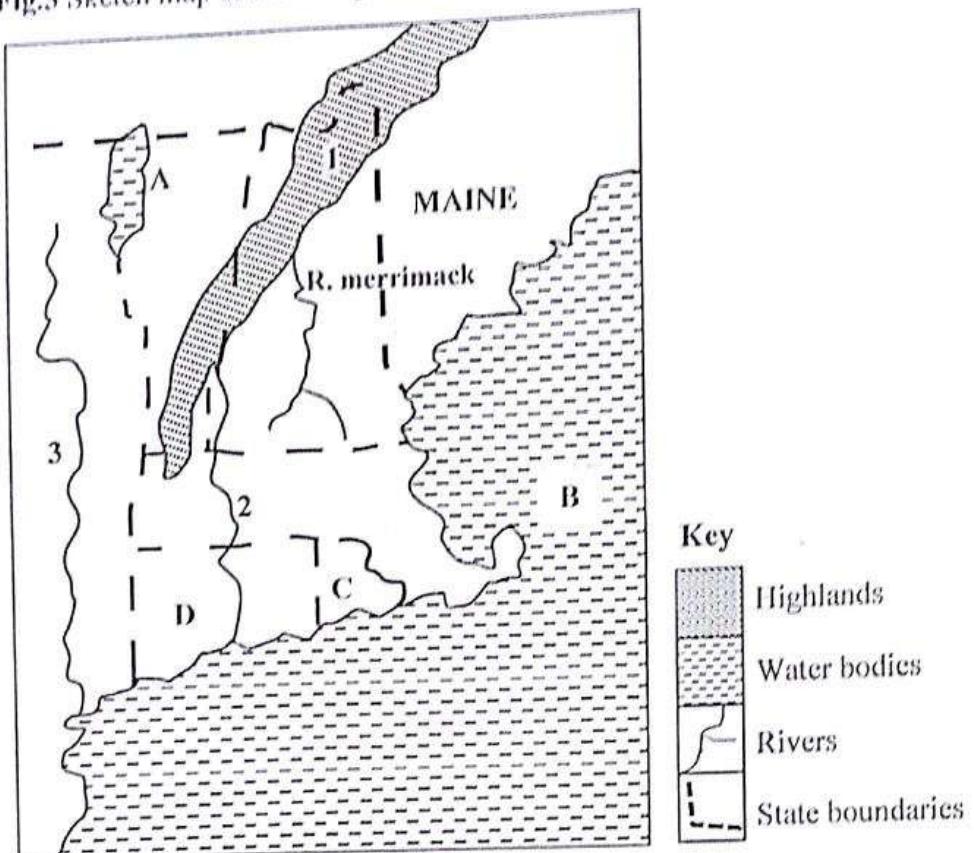
### REGION 1: NORTH AMERICA:

Study table II showing population distribution for urban areas in selected cities in North America and answer the questions that follow:

| City         | Population in millions |
|--------------|------------------------|
| LOS ANGELES  | 16,100                 |
| TORONTO      | 4,500                  |
| CHICAGO      | 9,000                  |
| NEW YORK     | 20,900                 |
| MONTREAL     | 3,500                  |
| VANCOUVER    | 1,800                  |
| <b>TOTAL</b> | <b>55,800</b>          |

- (a) Draw a bar graph to show the information given in the table above. (08 marks)
- (b) Calculate the percentage of the urban population in the table for;
  - (i) U.S.A
  - (ii) Canada(04 marks)
- (c) Describe the factors that have led to a large population in any one selected city. (07 marks)
- (d) Outline the environmental problems resulting from the growth of urban areas in North America. (06 marks)

6. Study Fig.3 Sketch map of New England and answer the questions that follow:



- (a) Name:
- (i) Water bodies A and B
  - (ii) Highland 1
  - (iii) Rivers 2 and 3
  - (iv) Agricultural states C and D
- (07marks)
- (b) (i) Name any two crops grown in states named in (a) (iv) above. (02marks)
- (ii) Describe the factors that have favoured agriculture in the states named above. (06marks)
- (c) Mention the challenges facing farmers in New England. (05marks)
- (d) What measures are being taken to improve agriculture in New England? (05marks)
7. (a) (i) Name any two states in USA known for space industry. (02marks)
- (ii) Describe the factors that have favoured the location of the space industries in USA. (05marks)
- (b) Explain the importance of the space industry to U.S.A (08marks)
- (c) What challenges face the space industry in U.S.A (05marks)
- (d) Outline the measures being taken to improve the space industry. (05marks)

## REGION II: RHINELANDS

- . (a) Draw a sketch map of the Ruhr industrial region and on it mark and name;  
(i) Rivers: Ruhr and Lippe.  
(ii) Canals: Lippesite and Dortmund EMS.  
(iii) Towns: Duisburg and Dortmund.  
(iv) The concealed and exposed coal fields. (09marks)
- (b) Describe the factors that have favoured coal mining in the Ruhr region. (06marks)
- (c) What factors led to a decline in coal mining in the Ruhr Region. (05marks)
- (d) Outline the effects of coal mining on the environment in the Ruhr Region. (05marks)
9. (a) Draw a sketch map of Switzerland and on it mark and name the following;  
(i) The three physical Regions  
(ii) Rivers: Rhone and Ticino  
(iii) One area where salt is mined. (07marks)
- (b) Why has Switzerland had to develop an efficient railway network? (05marks)
- (c) Explain the problems facing the Swiss transport system. (08marks)
- (d) Outline steps being taken to solve the problems in (c) above. (05marks)

10. Study the table III showing land reclamation in the Rhinelands and answer the questions that follow;

| Century      | Area of land km <sup>2</sup> |
|--------------|------------------------------|
| 1400 - 1500  | 430                          |
| 1500 - 1600  | 715                          |
| 1600 - 1700  | 1150                         |
| 1700 - 1800  | 630                          |
| 1800 - 1900  | 1200                         |
| 1900 - 2000  | 720                          |
| <b>TOTAL</b> | <b>4845</b>                  |

- (a) Calculate the percentage change of land reclaimed between the period 1400 – 2000. (02marks)
- (b) Draw a line graph to show the trend of land reclamation in the Rhinelands. (08marks)
- (c) Describe the factors that led to land reclamation in the Rhinelands. (05marks)
- (d) (i) Explain the benefits of land reclamation to the people in the Rhinelands. (08marks)  
(ii) Name any two projects that carried out land reclamation in the Rhinelands (02marks)

Turn Over

### REGION III - CHINA

11. (a) Name any two;  
(i) Winter  
(ii) Summer  
Crops grown in the Yunnan – Kweichow region of China. (04marks)
- (b) Describe the factors that have favoured agriculture in the Yunnan – Kweichow region of China. (06marks)
- (c) What factors have limited commercial farming in the Yunnan region? (05marks)
- (d) Explain the steps being taken to develop the Yunnan region. (10 marks)
12. Study **table IV** below showing the climatic statistics of station A in China and answer the questions that follow.  
Station A
- | 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 combined bar and line graph to represent the information contained in the table. (07marks)
- (b) Calculate the;  
(i) Mean Annual temperature  
(ii) Annual range of temperature.  
(iii) Total annual rain fall. (06marks)
- (c) Describe the characteristics of the climate for station A. (06marks)
- (d) Explain the influence of climate on human activities at station A. (06marks)
13. (a) Name three areas of;  
(i) Low population  
(ii) High population  
in China. (06marks)
- (b) Describe the factors which influenced population distribution in the areas named in either a (i) or a (ii) above. (05marks)
- (c) Explain the problems faced by the people living in highly populated areas of China. (08marks)
- (d) What steps are being taken to solve the problems in (c) above? (06marks)

END

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**GEOGRAPHY**  
Paper 2  
July / August 2013  
2½ hours



**WAKISSHA JOINT MOCK EXAMINATIONS**

**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 I - THE REST OF AFRICA**

Answer any two questions from this part.

1. Study table 1 below and answer the questions that follow:

STATION A – ALT. 100metres Lat. 2°N

| Months        | J   | F   | M   | A   | M   | J  | J  | A  | S   | O   | N   | D   |
|---------------|-----|-----|-----|-----|-----|----|----|----|-----|-----|-----|-----|
| Temp(°C)      | 30  | 31  | 31  | 31  | 30  | 29 | 28 | 28 | 29  | 29  | 29  | 30  |
| Rainfall (mm) | 250 | 250 | 325 | 300 | 213 | 25 | 25 | 25 | 100 | 275 | 380 | 200 |

- a) Draw a suitable graph to represent the above climatic statistics. (09marks)
- b) Describe the characteristics of the climatic statistics for station A.(04marks)
- c) Explain the influence of climate on the economic activities that are carried out at station A. (08marks)
- d) Outline the problems facing people living in the surrounding area.(04marks)
2. a) (i) What do you understand by the term Sahel? (02marks)  
(ii) State the characteristics of Sahel region of Africa. (05marks)
- b) Explain the importance of the Sahel to the people who live in that region. (07marks)
- c) Outline the problems faced in the utilization of the Sahel region. (06marks)
- d) State the measures being taken to solve the problems in Sahel region of Africa. (05marks)
3. Study table 2 below showing population size for selected African countries and answer the questions that follow:

| Country                 | Land area<br>(000's Km <sup>2</sup> ) | Population size<br>('000s) |
|-------------------------|---------------------------------------|----------------------------|
| Algeria                 | 2,382                                 | 30,800                     |
| Central Africa Republic | 623                                   | 3,800                      |
| Egypt                   | 995                                   | 65,200                     |
| Sudan                   | 2,376                                 | 31,700                     |
| Morocco                 | 446                                   | 23,200                     |
| Ethiopia                | 1,000                                 | 35,800                     |

*Adapted from: 2003 African Development Indicators: World bank Pg 5*

- a) Calculate the population density for each of the selected countries. (06marks)
- b) Explain the causes of the variations in population size in any one country. (08marks)
- c) Describe the problems resulting from high population in an area. (06marks)
- d) Outline the benefits of high population in an area. (05marks)
4. Study table 3 below showing forest products exports in 1996 and answer the questions that follow;

| Country   | Exports M <sup>3</sup> |
|-----------|------------------------|
| Swaziland | 270,000                |
| DRC       | 91,000                 |
| Liberia   | 225,000                |
| Nigeria   | 248,000                |

- a) Draw a bar graph to show the relative forests products exports. (06marks)
- b) (i) Name any two forests found in Swaziland (02marks)
- (ii) Describe the physical conditions that have favoured development of forestry industry in Swaziland. (08marks)
- c) State the contribution of the forestry industry to Swaziland. (04marks)
- d) Outline the problems facing the forestry industry. (05marks)

5. Draw a sketch map of Africa and on it mark and name the following;

- a) (i) Highlands:                   Atlas mountains  
                                          Ethiopian highlands  
                                          Cape ranges  
                                          Drakensburg mountains
- (ii) Rivers: Blue Nile and R. Congo  
                                          Red Sea (07marks)
- b) Describe the process which led to the formation of Cape ranges. (06marks)
- c) Explain the importance of the highland areas of Africa. (06marks)
- d) Outline the problems facing the people living in the highland areas of Africa. (06marks)

**Turn Over**

6. Study fig. 1 showing the Trans - African High way and answer the questions that follow:

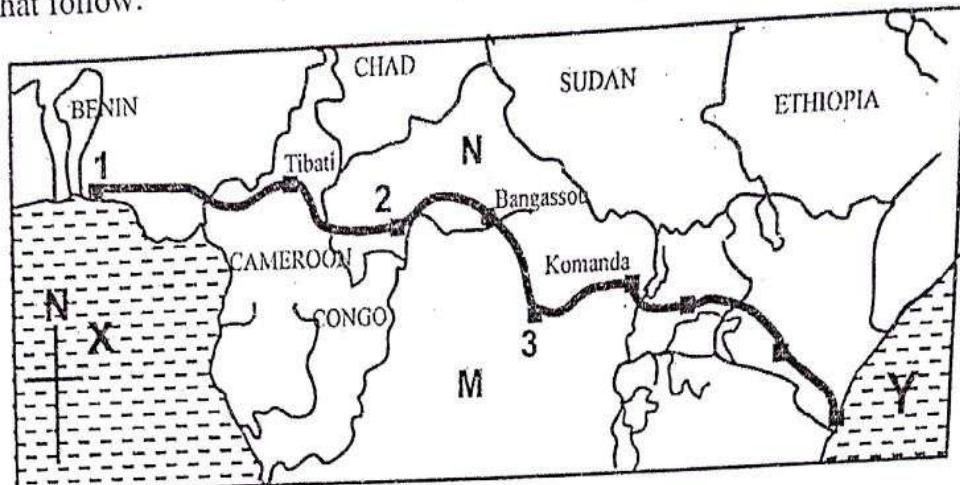


Fig. 1

KEY

Water bodies

Towns

- a) Name:
- (i) Water bodies; marked X and Y.
  - (ii) Towns marked 1, 2 and 3.
  - (iii) Countries marked M and N. (07marks)
- b) State the aims for the construction of the Trans-African Highway(05marks)
- c) Explain the benefits of the Trans-African Highway to the areas where it passes. (08marks)
- d) Outline the challenges of the Trans-African Highway to the area it serves. (05marks)

**PART II**  
**STUDIES IN DEVELOPMENT**

Answer two questions from this part

**REGION I – NORTH AMERICA**

1. a) Draw a sketch map of the St. Lawrence seaway and the Great lakes and on it, mark and name:
- (i) Lakes: Erie and Ontario.
  - (ii) Canals: Sault Saint Marie and Welland.
  - (iii) Industrial centres: Chicago and Buffalo.
- (07marks)
- b) (i) Name any two industries found in any one industrial center named in (a) (iii) above. (02marks)
- (ii) Explain the factors that led to the growth of industrial center you have chosen in b(i) above. (08marks)
- c) Outline the problems faced by the industrial sector in the Great lakes region. (04marks)
- d) State the benefits of the Industrial sector to the Great lakes region. (04marks)

8. Study Fig. 2 Map of British Columbia and answer the questions that follow.

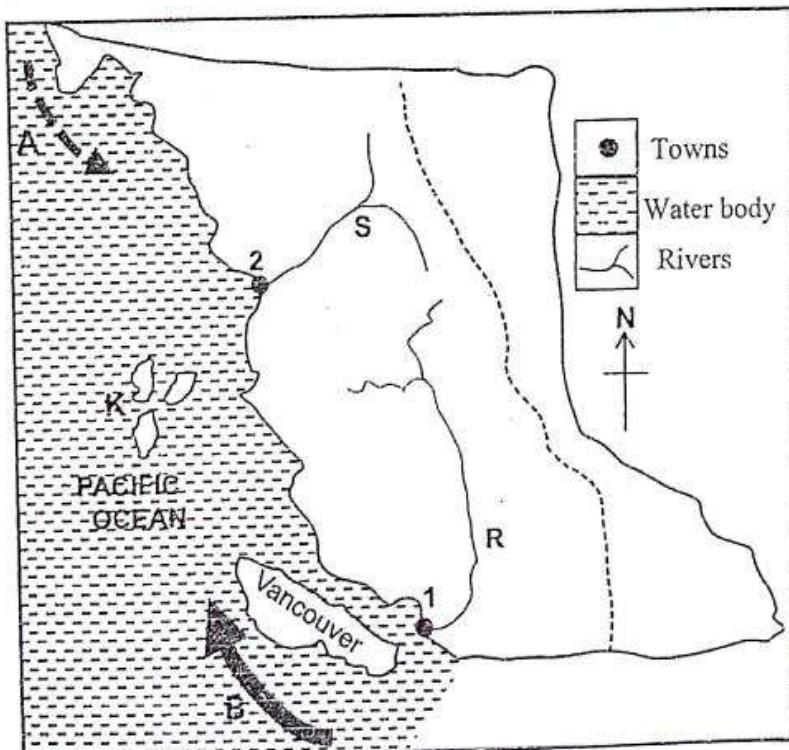
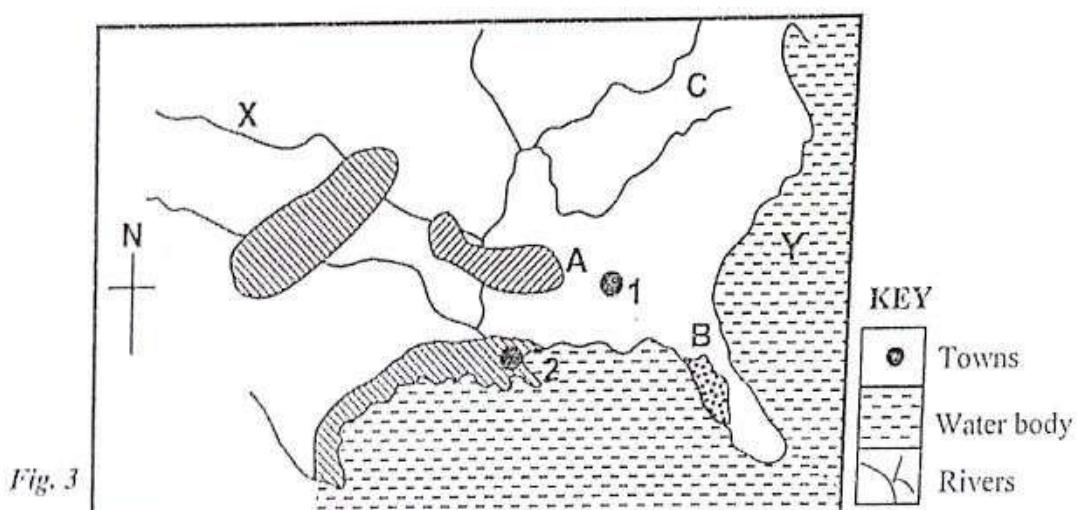


Fig. 2

Turn Over

- a) Name:  
 (i) Rivers marked R and S.  
 (ii) Ocean currents marked A and B.  
 (iii) Islands marked K.  
 (iv) Ports marked 1 and 2. (07marks)
- b) Explain the physical conditions favouring fishing in British Columbia. (06marks)
- c) Mention any two;  
 i) Types of fish caught in British Columbia.  
 ii) Uses of fish. (04marks)
- d) (i) State the problems facing the fishing industry in British Columbia  
 (04marks)  
 (ii) Outline the steps being taken to solve the problems in d(i) above  
 (04marks)
9. Study Fig. 3 below showing map of the south and answer the questions that follow:



- a) Name; i) Minerals mined at A,B and C  
 ii) Water bodies X and Y  
 iii) Towns 1 and 2 (07marks)
- b) Describe the factors that have favoured the exploitation of minerals in the south. (06marks)
- c) Explain the effects of the mining sector on the physical environment of the south. (06marks)
- d) Outline the benefits from the mining sector to the south. (06marks)

## REGION II – RHINE LANDS

10. Study table 4: Showing in-bound tourists ('000s) for the Rhine lands and East Africa and answer the questions that follow:

| Region      | Country     | In-bound tourists |
|-------------|-------------|-------------------|
| Rhine lands | Belgium     | 6,452             |
|             | Switzerland | 9,500             |
| East Africa | Kenya       | 841               |
|             | Tanzania    | 501               |
| Total       |             | 18,494            |

*Adapted from 2003 World Development indicators: The World Bank*

- a) Draw a pie-chart to represent the information given in the table (08marks)
- b) Identify the country with the;
- (i) Largest
  - (ii) smallest number of in-bound tourists. (02marks)
- c) Describe the factors which have led to more tourists visiting the country identified in b(i) above. (07marks)
- d) (i) Mention any three tourists attractions found only in Rhine lands and not in East Africa. (03marks)
- (ii) State the reasons why East Africa receives less tourists than Rhine lands. (05marks)

11. Study table 5 below showing commodities which passed through Rotterdam port in 1973and answer the questions that follow:

| Commodity    | Tonnage in metric tones | Percentage |
|--------------|-------------------------|------------|
| Mineral oils | -                       | 69.5       |
| Ore          | -                       | 9.4        |
| Cereals      | 7.5                     | 2.4        |
| Coal         | -                       | 1.9        |
| Fertilizers  | 5.5                     | 1.8        |
| Other goods  | 46.5                    | 15.0       |
| Total        | 309.5                   | 100        |

- a) Calculate the tonnage of:
- (i) Mineral oils
  - (ii) Ore
  - (iii) Coal
- (03marks)
- b) Draw a line graph showing the percentage tonnage of cargo handled by Rotterdam.
- (08marks)
- c) (i) Name any two countries whose imports are handled by Rotterdam port.  
(02marks)
- (ii) Explain the factors which led to the growth of Rotterdam port as the world's busiest port.  
(08marks)
- d) What problems are facing Rotterdam as an international port.  
(04marks)

12. Study fig. 4 showing map of the Rhine lands and answer the questions that follow:

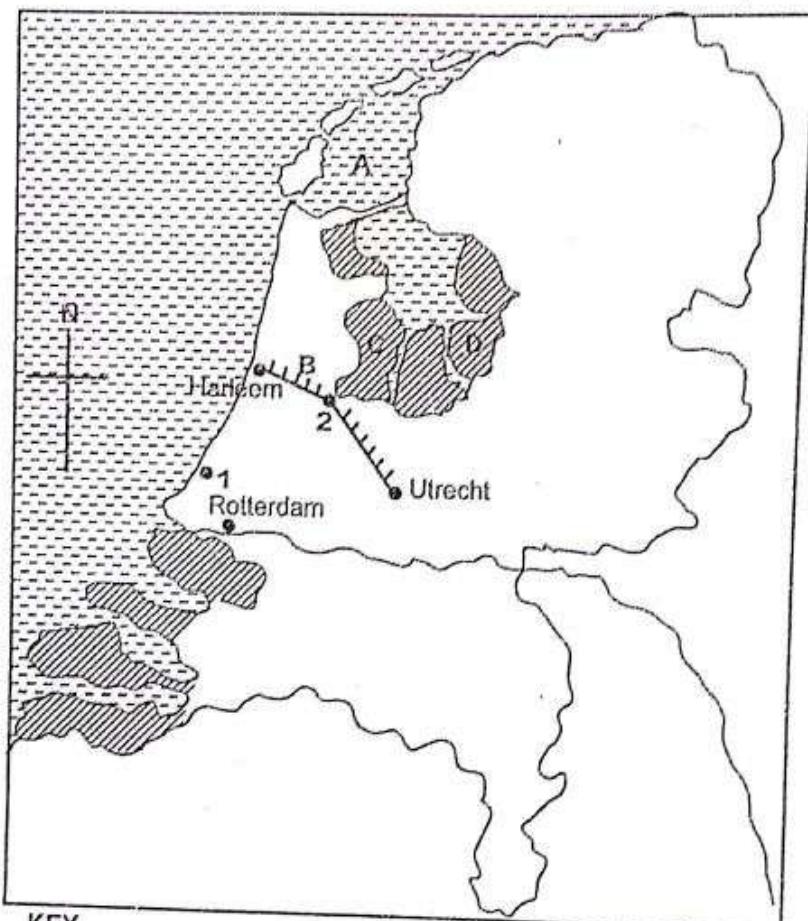
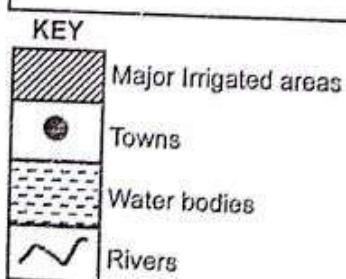


Fig. 4



a) Name:

- (i) Water body marked A
- (ii) Towns 1 and 2
- (iii) Canal marked B
- (iv) Irrigated lands C and D

(06marks)

b) Explain the factors which have favoured irrigation farming in the Rhine lands.

(04marks)

c) What problems face irrigation farming in the Rhine lands. (05marks)

d) State the steps being taken to improve irrigation farming in the Rhine lands.

(04marks)

### REGION III – CHINA

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

i) Towns: Hongkong, Shanghai and Beijing

ii) The Yellow sea

iii) Rivers: Sikiang and Yangtse. (07marks)

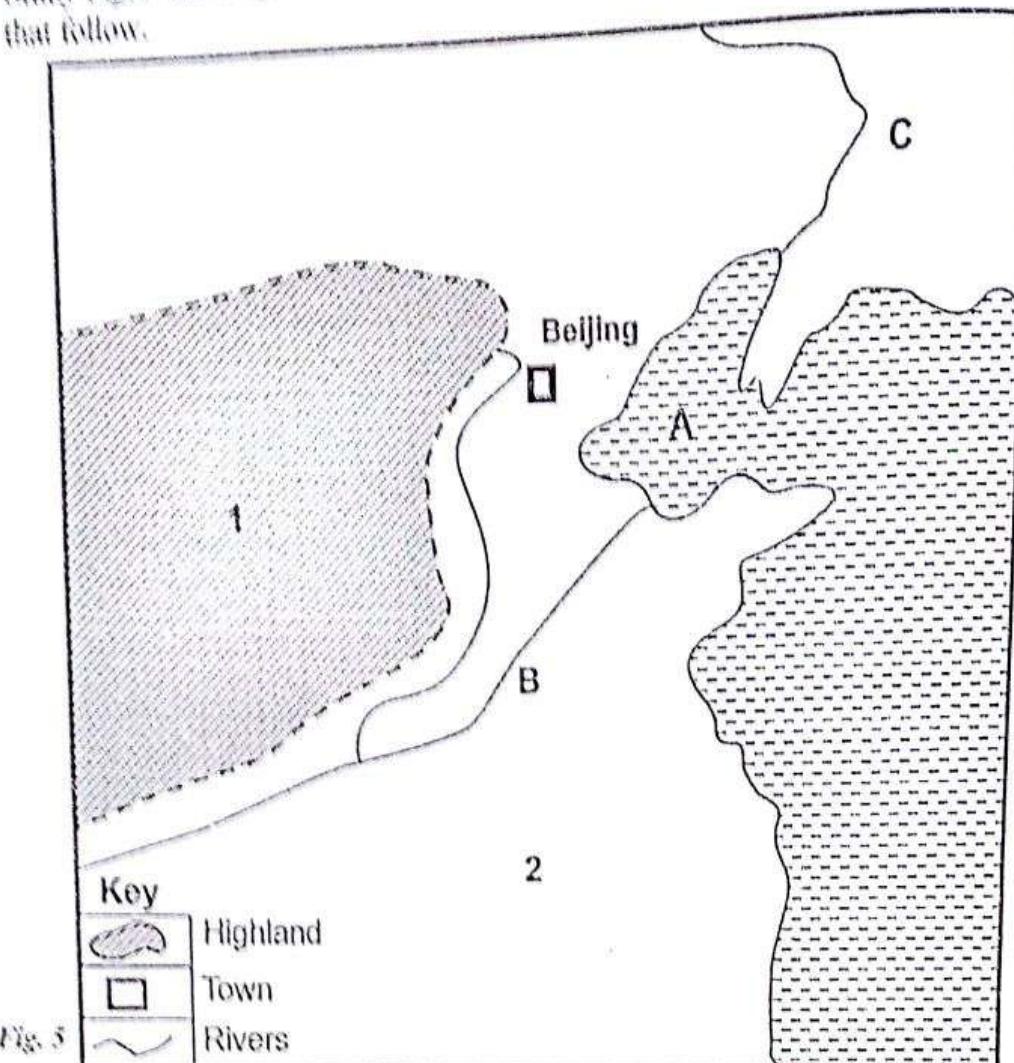
b) What problems face people living in the river valleys in China (05marks)

c) Outline the steps being taken to solve the problems in (b) above? (05marks)

d) Explain the contributions of the river basins to the development of China.

(08marks)

14. Study Fig. 5 showing the location of Beijing (Peking) and answer the questions that follow.



- (a) Name the:
- (i) Water body marked A
  - (ii) Rivers B and C
  - (iii) Highland area marked 1
  - (iv) Lowland area marked 2
- (05marks)
- (b) Describe the factors which have favoured the location of Beijing City  
(07marks)
- (c) Outline the functions of Beijing City  
(06marks)
- (d) Explain the problems being faced by the people living in Beijing City  
(07marks)

15. a) Draw a map of the Sikiang river valley and on it mark and name;

- i) Rivers: Sikiang and Hongshui He.
  - ii) Island: Hainan
  - iii) Gulf of Tong king
  - iv) Towns: Hongkong and Guangzhou
  - v) Leizhou Peninsula
- (08marks)

- b) Describe the factors favouring industrial development in the Sikiang river valley region. (07marks)
- c) Outline the problems created by industrialisation in Sikiang river valley region. (05marks)
- c) State the measures being taken to solve the problems outlined in (c) above. (05marks)

END

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**GEOGRAPHY**  
**Paper 2**  
July / August 2014  
2½ hours



**WAKISSHA JOINT MOCK EXAMINATIONS**

**Uganda Certificate of Education**

**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 any two questions from this part.*

1. a) Draw a map of Africa and on it mark and name the following:-
- Highlands: Cape ranges and Ethiopian
  - Rivers : Orange and Niger
  - Basins : Kalahari and Chad
- (07 marks)
- b) Describe how any one of the highlands marked in a(i) above was formed. (06 marks)
- c) Explain the importance of highlands to the surrounding areas. (06 marks)
- d) Outline the problems faced by the people living around highland areas. (06 marks)
2. Draw a sketch map of Africa and on it mark and name:
- Ocean currents: Warm Guinea and Cold Benguela.
  - Winds: South East and Westerlies.
  - Natural vegetation types: Mediterranean, dry savanna (Sahel) and Equatorial.
- (8 marks)
- b) Describe the characteristics of equatorial type of vegetation. (6 marks)
- c) Explain the factors that have favoured the existence of Equatorial vegetation. (6 marks)
- d) What are the effects of human activities on the equatorial vegetation? (5 marks)
3. Study Fig. 1: Map of Liberia and answer the questions that follow;

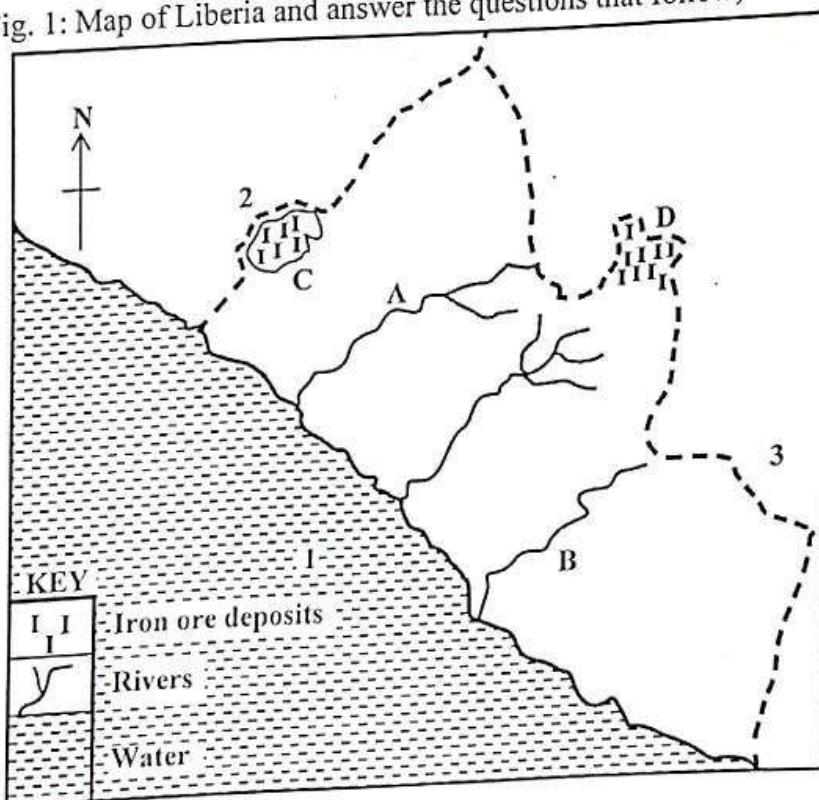


fig. 1

- a) Name:
- Rivers marked A and B.
  - Water body marked I
  - Neighbouring states marked 2 and 3
  - Iron ore deposits marked C and D
- (7 marks)

- b) Describe the factors that have favoured mining of Iron in Liberia. (6 marks)
- c) Explain the benefits of Iron ore mining to Liberia. (8 marks)
- d) What are the effects of iron ore mining on the environment? (4 marks)
4. a) What is urbanization? (02 marks)
- b) i) Describe the factors that have led to the development of Lagos as a port. (06 marks)  
ii) Outline the importance of Lagos town to the surrounding areas. (06 marks)
- c) Explain the problems facing Lagos town. (06 marks)
- d) State the solutions to the problems facing Lagos town in (c) above. (05 marks)
5. Study table 1 below; showing sugar exports from the Republic of South Africa (1998 – 2003) and answer the questions that follow.

Table I: 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 African Development indicators, the World Bank Washington D.C p99*

- a) Draw a line graph to represent the trend in sugar exports from the Republic of South Africa between 1998 and 2003. (8 marks)
- b) Describe the trend in sugar exports shown in (a) above. (3 marks)
- c) Explain the conditions that have caused the above trend in the Republic of South Africa. (8 marks)
- d) Outline the benefits of sugar growing to the people of South Africa. (6 marks)
6. a) Draw a sketch map of Africa and on it mark and name;  
(i) Ocean currents: Benguela and Canary.  
(ii) Ports: Elizabeth and walvisbay.  
(iii) Any two major marine fishing grounds.  
(iv) Lakes: Chad and Kariba. (09 marks)
- b) Describe the conditions which have favoured the development of fishing industry in any one fishing ground named in (a) (iii) above. (06 marks)
- c) Explain the contribution of the fishing industry to the development of any one country in Africa. (06 marks)
- d) Outline the problems faced by the fishing industry in Africa. (04 marks)

## PART II : STUDIES IN DEVELOPMENT

Answer two questions from this part.

### REGION I : NORTH AMERICA

7. Study the table II below showing the relative importance of Canada's wheat export routes and answer the questions that follow:

| Routes   | % of wheat exported |
|----------|---------------------|
| Eastern  | 51                  |
| Western  | 45                  |
| Northern | 64                  |
| Total    | 100                 |

Table II

- a) Draw a pie chart to show the relative importance of Canada's wheat export routes. (6 marks)
- b) Name  
 (i) One port found at the terminal of each export route.  
 (ii) Two countries which import Canadian wheat.  
 (iii) Three wheat growing provinces in Canada. (6 marks)
- c) Describe the factors which have:  
 (i) favoured the use of Eastern export route.  
 (ii) limited the use of Northern export route. (6 marks)
- d) Explain the importance of wheat growing to Canada's economy. (4 marks)
8. Study figure II: Map of New England and answer the questions that follow.

### INDUSTRIAL CENTRES OF NEW ENGLAND

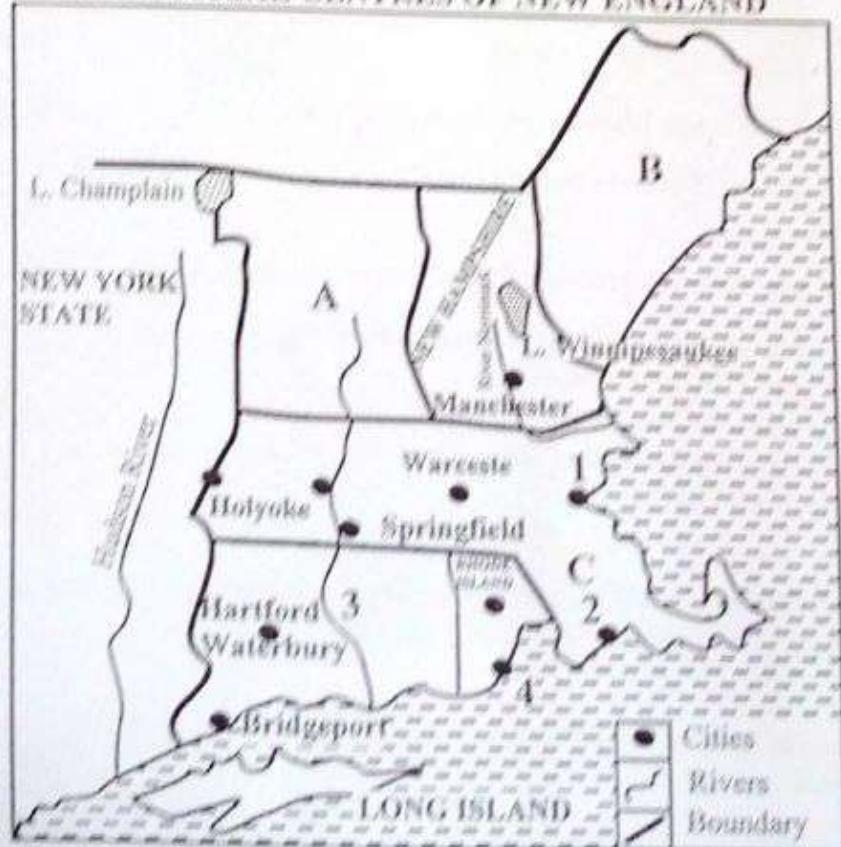
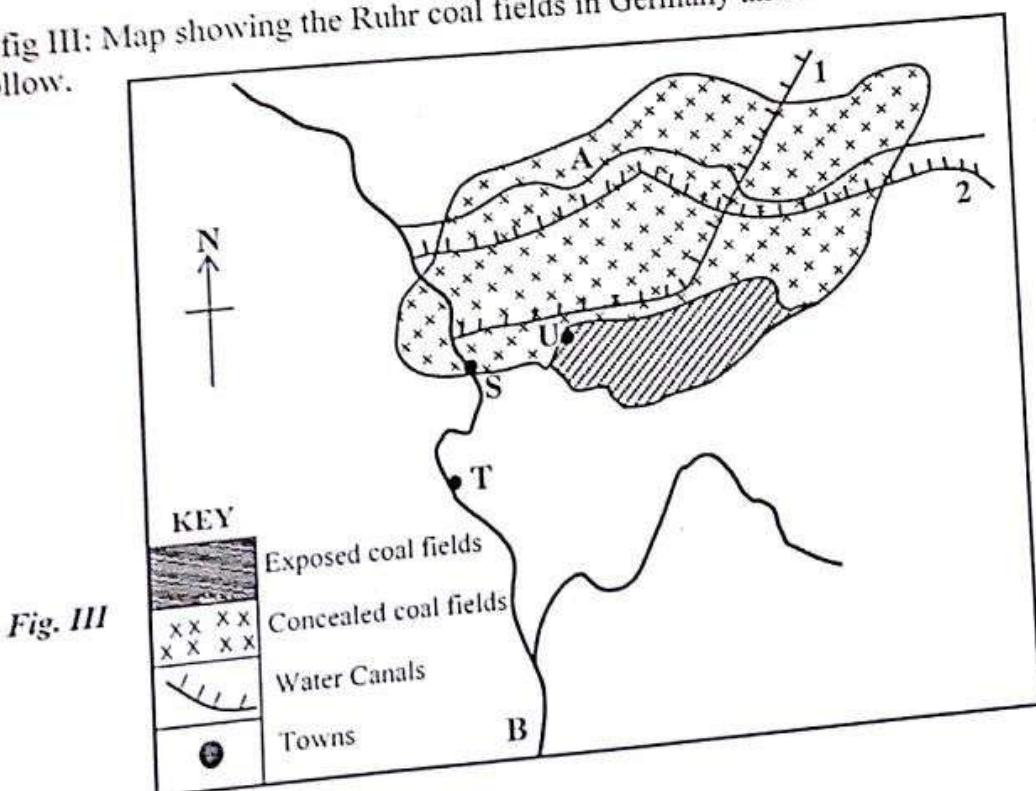


Fig. II

- a) Name the:
- States marked A, B and C.
  - Towns marked 1 and 2.
  - River marked 3.
  - Ocean marked 4.
- (7 marks)
- b) i) State two industries found in any one town named in (a) (ii) above. (2 marks)
- ii) Describe the conditions that have favoured the establishment of industries in New England. (4 marks)
- c) Explain the contribution of the industrial sector to New England. (5 marks)
- d) i) Outline the problems arising from industrial growth in New England. (4 marks)
- ii) State the steps being taken to solve the problems in (d) (i) above. (3 marks)
- a) Draw a sketch map of British Columbia and on it mark and label.
- Towns: Prince George, Kamloops
  - Ports: Prince Rupert, Vancouver
  - Mountains: Coastal ranges, Rocky mountains
  - Railway lines: Canadian National Railway, Canadian Pacific Railway
- (9 marks)
- b) State the benefits of railway transport to British Columbia. (6 marks)
- c) Explain the problems facing railway transport in British Columbia. (6 marks)
- d) Outline the measures being taken to improve transport in British Columbia. (4 marks)

### REGION II : RHINE LANDS

10. Study fig III: Map showing the Ruhr coal fields in Germany and answer the questions that follow.



- (a) Name the:
- Rivers marked A and B
  - Canals marked 1 and 2
  - Towns marked T, U and S
- (07 marks)
- (b) Describe the factors that have favoured coal mining in the Ruhr region. (07 marks)

Turn Over  
5

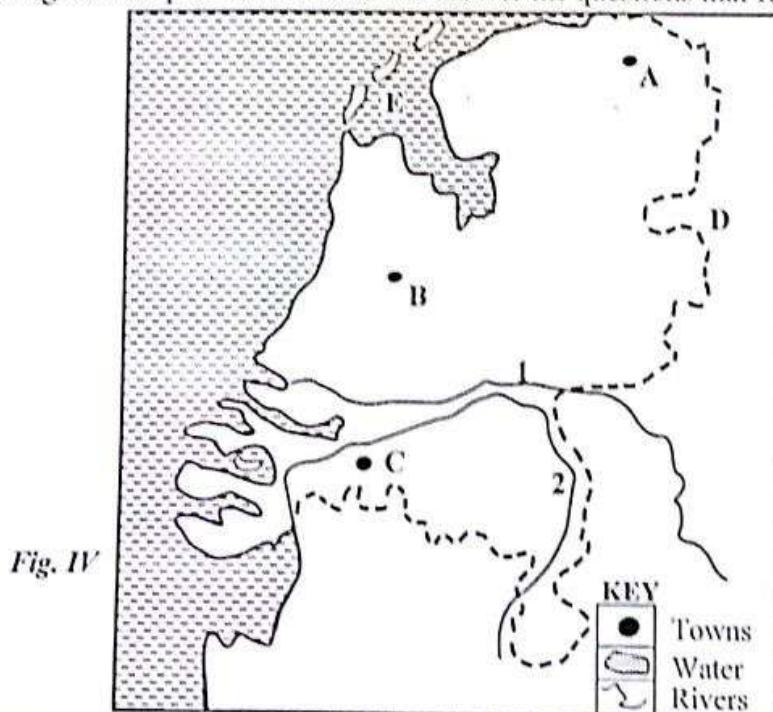
- (c) Explain the conditions for the decline in coal mining in the Ruhr region. (06 marks)  
 (d) Outline the effects of coal mining on the physical environment in the Ruhr region. (05 marks)

11. Study table III showing inbound tourists for the Rhinelands and East Africa and answer questions that follow.

| Inbound tourists (000) 2001 |             |                 |
|-----------------------------|-------------|-----------------|
| Region                      | Country     | Inbound Tourist |
| Rhine lands                 | Belgium     | 6,452           |
|                             | Netherlands | 9,500           |
|                             | Switzerland | 10,700          |
| East Africa                 | Uganda      | 205             |
|                             | Kenya       | 841             |
|                             | Tanzania    | 501             |

- a) Draw a bar graph to represent the information in the table. (8 marks)  
 b) i) Identify the country with  
 - Least  
 - Most  
 number of inbound tourists. (2 marks)  
 ii) Name any two tourist attractions found in the Swiss highlands. (2 marks)  
 c) Describe the factors that have led to more tourists visiting the country in (b) (i) above. (5 marks)  
 d) Explain the problems facing the tourist sector in the Rhine lands. (8 marks)

12. Study Fig. IV: Map of Netherlands and answer the questions that follow.

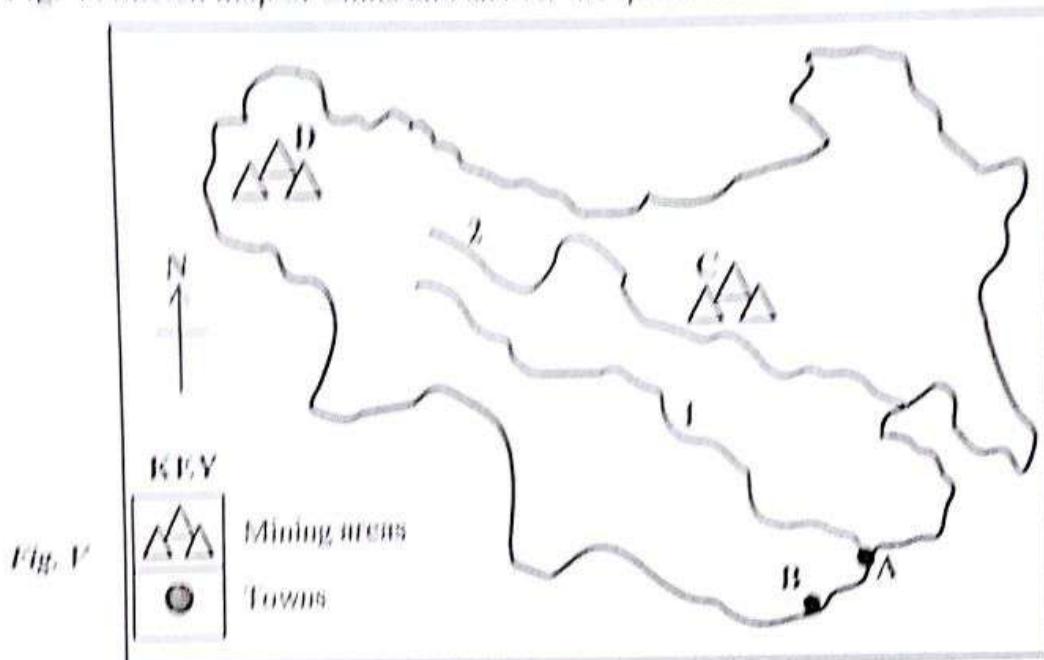


- (a) Name:  
 (i) Towns marked A, B and C  
 (ii) Rivers marked 1 and 2  
 (iii) Country marked D  
 (iv) Sea marked E
- (07 marks)

- (b) Describe the factors which have favoured land reclamation in the Netherlands. (06 marks)
- (c) Explain how land is reclaimed from the sea in the Netherlands. (06 marks)
- (d) Outline the problems faced by the people utilizing the polders. (06 marks)

### REGION III : CHINA

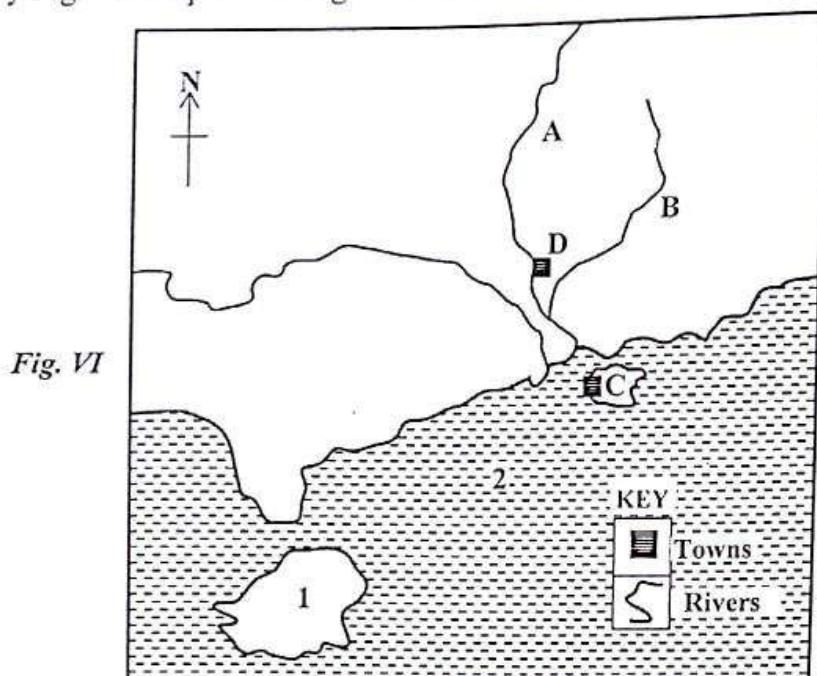
3. Study Fig. V: Sketch map of China and answer the questions that follow.



- (a) Name:  
 (i) Rivers marked 1 and 2.  
 (ii) Towns marked A and B  
 (iii) Minerals mined at C and D (06 marks)
- (b) Describe the factors that have favoured mining in China. (06 marks)
- (c) Explain the contribution of mining to the economy of China. (03 marks)
- (d) State the problems faced by the mining sector in China. (05 marks)
14. a) Name any two regions in China where the commune system of farming is practiced. (02 marks)
- b) Describe the characteristics of commune system of farming practiced in China. (6 marks)
- c) Explain the factors that have favoured the establishment of agricultural communes in any one region named in (a) above. (6 marks)
- d) Outline the:  
 i) Benefits of commune farming. (6 marks)  
 ii) Problems facing commune farming in China. (5 marks)

**Turn Over**  
7

15. Study Fig. VI: Map of Sikiang river basin and answer the questions that follow:



(a) Name:

- (i) Rivers marked A and B
- (ii) Towns marked C and D
- (iii) Island marked 1
- (iv) Water body marked 2

(6 marks)

(b) Explain the factors that have favoured the development of the Sikiang basin.

(8 marks)

(c) What are the benefits of the basin to the people of China?

(6 marks)

(d) Outline the problems facing people in the Sikiang basin.

(5 marks)

END

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**GEOGRAPHY**  
Paper 2  
July / August 2012  
2½ hours



**WAKISSHA JOINT MOCK EXAMINATIONS**

**Uganda Certificate of Education**

**GEOGRAPHY**

**Paper 2**

**2 hours 30 minutes**

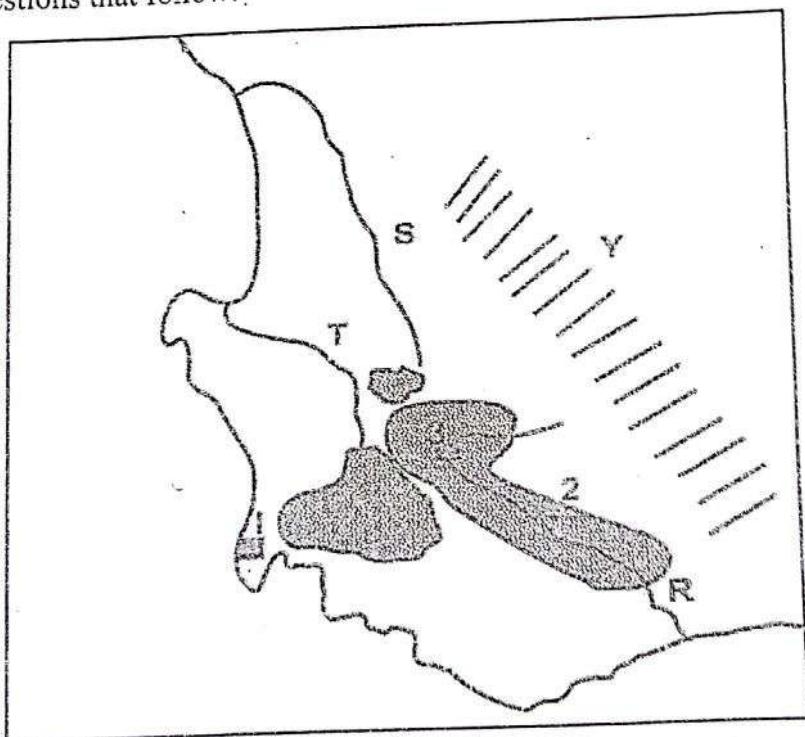
**INSTRUCTIONS TO CANDIDATES:**

- *Answer four questions in all.*
- *Choose two questions from part I and two from part II.*
- *In part II only one question should be chosen from any one region.*

**SECTION A**  
**PART I - THE REST OF AFRICA**

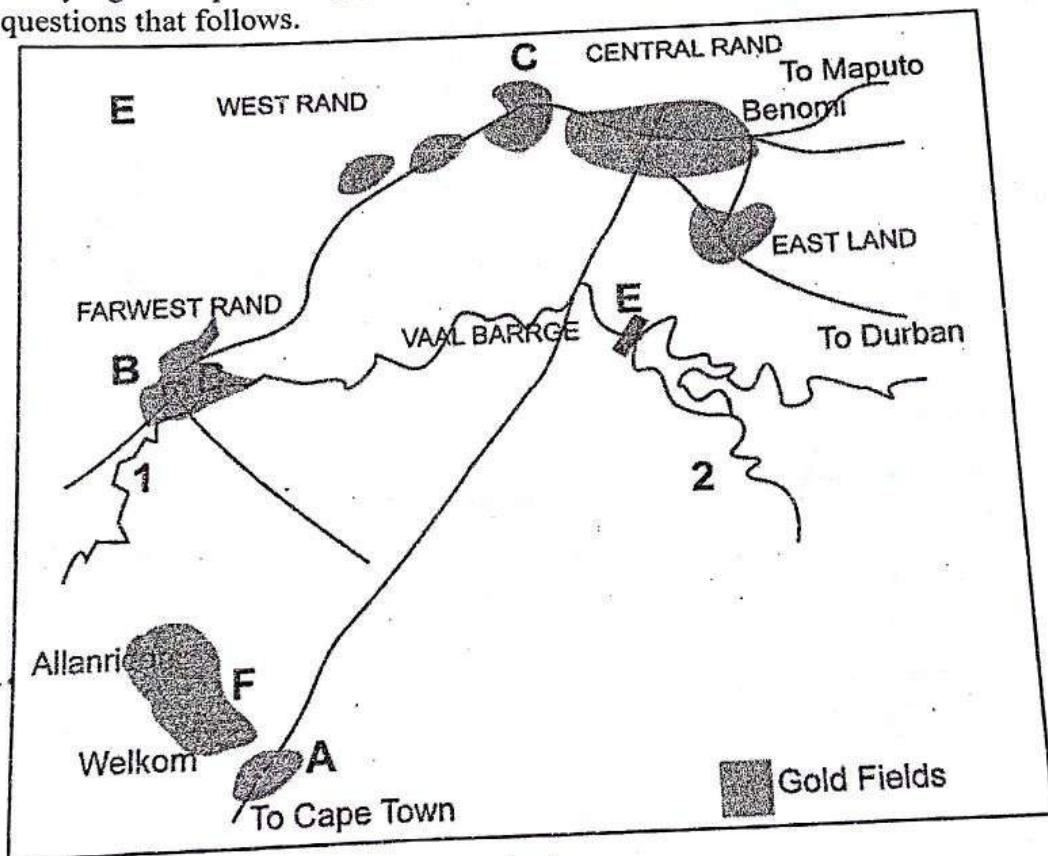
Answer any two questions from this part

1. Draw a sketch map of Africa and on it mark and name:
- a) i) Latitudes : Cancer and Capricorn
  - ii) Capes: Ras Hafun and Agulhas
  - iii) Mountains: Atlas and Cape Ranges
  - iv) Depressions: Bodela and Qattara
  - v) Any two rivers with deltas
- (11marks)
- b) Define a delta.
- c) Describe the importance of a delta coast to the people in Africa (07marks)
- d) Explain the problems faced by people living around delta coasts in Africa. (05marks)
2. Study figure I showing major vine growing areas in South Africa and answer the questions that follow:-



- a) Name the;
- i) Rivers marked R, S and T
  - ii) Towns marked 1, 2, and 3
  - iii) Plateau marked Y
- (7 marks)

- b) Give four methods of growing vines in South Africa (4 marks)
- c) Describe the physical factors that favour vine growing in South Africa. (7 marks)
- d) (i) State the challenges facing vine growing in South Africa. (5 marks)  
(ii) Apart from South Africa, name two other African countries producing grapes on commercial basis. (2 marks)
3. Study fig. II map showing gold mining centres of the Rand and answer the questions that follows.



- a) Name the gold mining centres marked;
- A, B and C
  - States marked E and F
  - Rivers marked 1 and 2
- (7marks)
- b) Explain the factors which have favoured the mining of gold in South Africa. (8 marks)
- c) Describe the method used in mining gold in the Republic of South Africa. (4marks)
- d) Identify the problems facing the mining industry in the Republic of South Africa. (6 marks)

Turn Over  
3

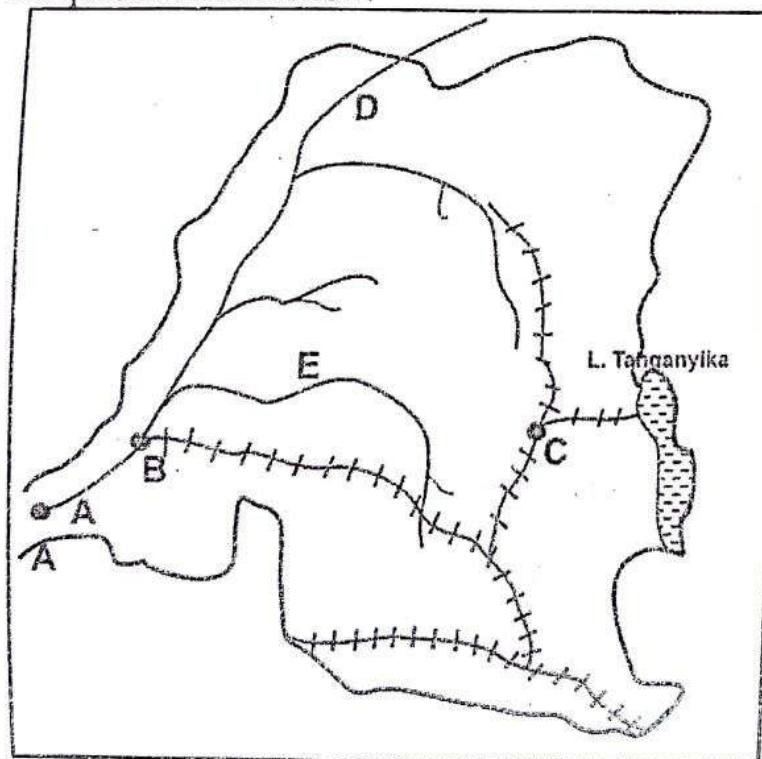
4. Study table 1 showing incoming international tourists for selected African countries in 2006 and answer the questions that follow;

| Country  | Incoming Tourists (000's) |
|----------|---------------------------|
| Zimbabwe | 2,290                     |
| Nigeria  | 1,010                     |
| Egypt    | 8,650                     |
| Ethiopia | 290                       |
| Namibia  | 833                       |

*Source: World Development indicators, World Bank, Washington D.C Pages 376 – 78.*

- a) Draw a bar graph to show the information given in the table. (08 marks)
- b) Identify the country with the:
  - i) Least,
  - ii) Most,
 number of incoming international tourists in 2006. (02 marks)
- c) Describe the factors which have influenced the development of tourism in the country identified in (b) (ii) above. (05marks)
- d) Outline the:
  - i) Benefits of tourism industry to the country named in (b) (ii) above. (05 marks)
  - ii) Problems faced by the tourism industry in the country named in (b) (i) above. (05 marks)

5. Study Fig. III Map of the Democratic Republic of Congo provided below and answer the questions that follow.



- a) Name the ;
- i) Port marked A
  - ii) Towns marked B, and C
  - iii) Tributaries marked D and E
- (5 marks)
- b) Explain the factors which have influenced the distribution of the railway network in the Democratic Republic of Congo. (10 marks)
- c) Identify the problems facing the transport sector in the Democratic Republic of Congo. (5 marks)
- d) Outline the steps being taken to improve the transport sector in Democratic Republic of Congo. (5 marks)

Study table 2 below showing forested area in selected countries of Africa and answer the questions that follow:

| Country                            | Forested area (km <sup>2</sup> ) |
|------------------------------------|----------------------------------|
| Democratic Republic of Congo (DRC) | 1,336,000                        |
| Congo Brazaville                   | 212,000                          |
| Liberia                            | 32,000                           |
| Angola                             | 591,000                          |
| Gabon                              | 318,000                          |

Source: *World Development indicators, World Bank, Washington D.C page 142-144. 2008.*

- a) Draw a line graph to show the information given in the table above. (08marks)
- b) Identify the country with;
- i) Largest;
  - ii) Smallest; forested area. (02marks)
- c) i) Name any two tree species found in country identified in b(i) above. (02marks)
- ii) Describe the conditions which have led to the growth of forests in the country identified in b(i) above. (07 marks)
- d) Outline the problems faced by forestry industry in any one country given in the table. (06 marks)

## PART II STUDIES IN DEVELOPMENT

Answer two questions from this part.

### REGION I – NORTH AMERICA

a) Draw a sketch map showing St. Lawrence Seaway and on it mark and name:-

- (i) River St. Lawrence
- (ii) Ports: Kingston, Cornwall and Ottawa
- (iii) Rapids: Long Sault and Lachine

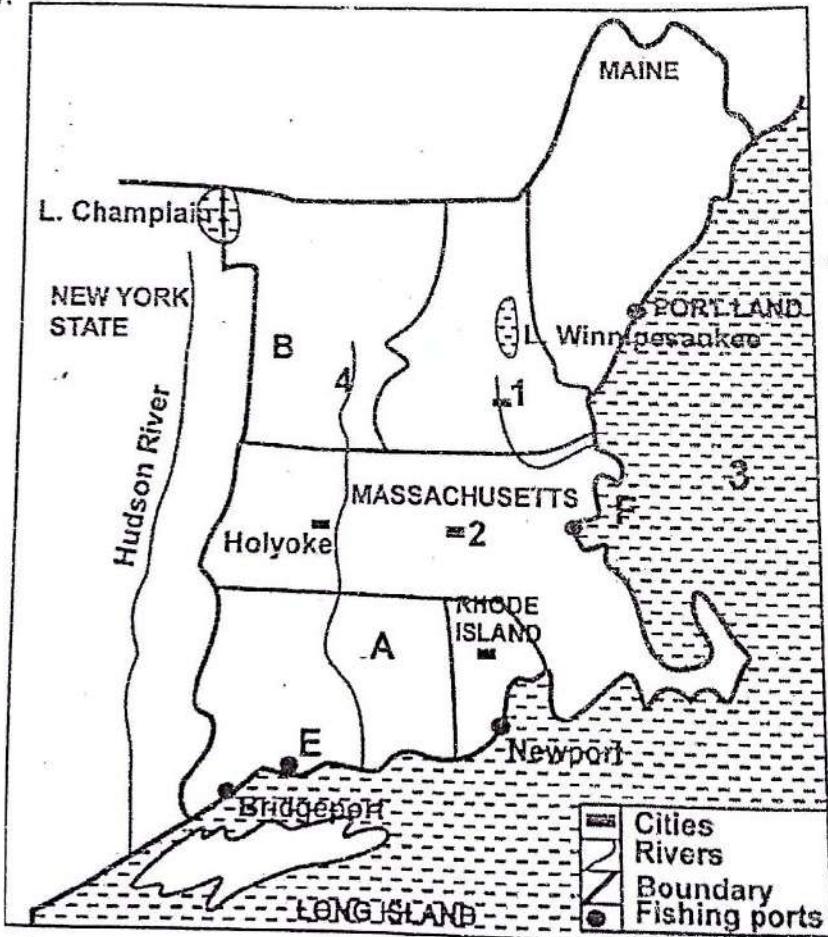
(07 marks)

b) What problems were created by the construction of the St. Lawrence Seaway? (05 marks)

c) Explain the problems which still face the St. Lawrence Seaway. (07 marks)

d) Outline the benefits of the St. Lawrence Seaway. (06 marks)

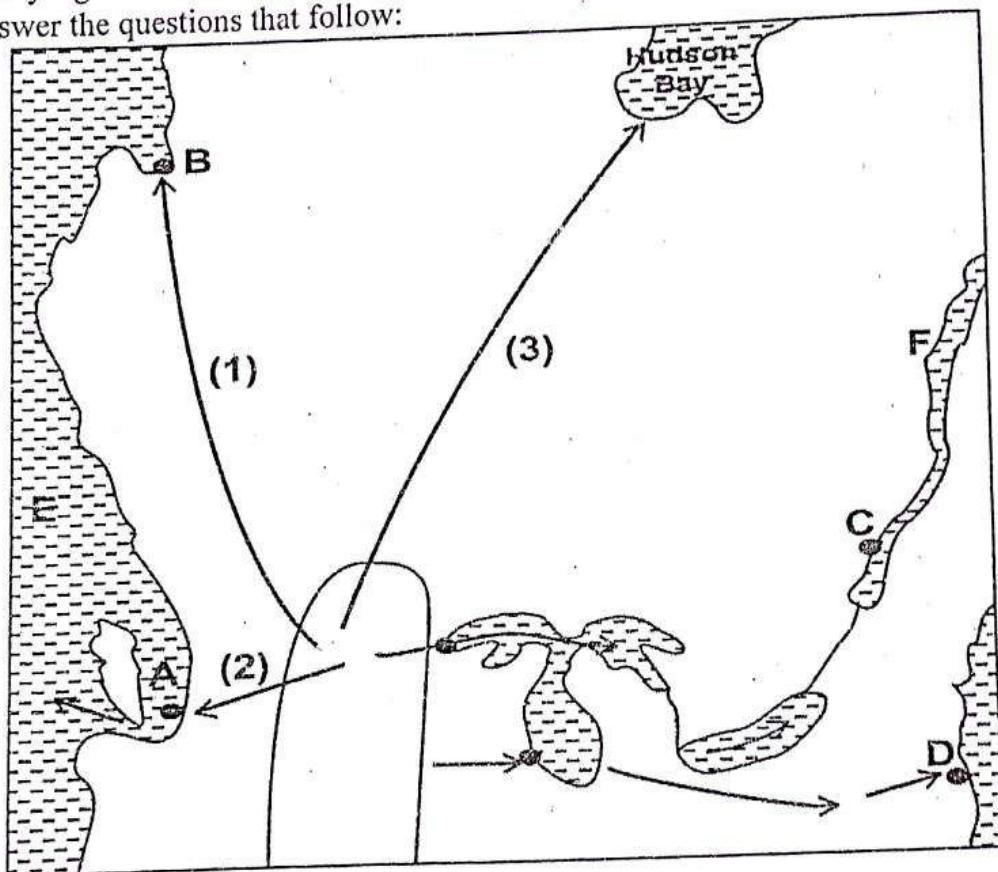
Study Fig. IV map of New England provided below and answer the questions that follow.



Name the states A and B.

- i) Town 1 and 2
- ii) River marked 4
- iii) Ocean marked 3
- iv) Ports E and F

- b) i) State three industries found in any one port/city named in (a)( iv)above. (3 marks)
- c) Explain the conditions that have favoured the establishment of industries in New England. (6 marks)
- d) i) Outline the conditions that led to the decline in traditional industries in New England. (4 marks)
- ii) Describe the steps taken by New England to sustain the industrial sector. (4 marks)
9. Study figure V showing the Canadian Prairies and wheat export routes and answer the questions that follow:



Key

— Water bodies

→ Wheat export

- a) Name:-
- Strait: A
  - Ports: B, C and D
  - Water bodies: E and F
- (06 marks)
- b) i) What are the disadvantages of using wheat export route marked (3) (04marks)
- ii) Name any three countries importing wheat from Canada. (03 marks)

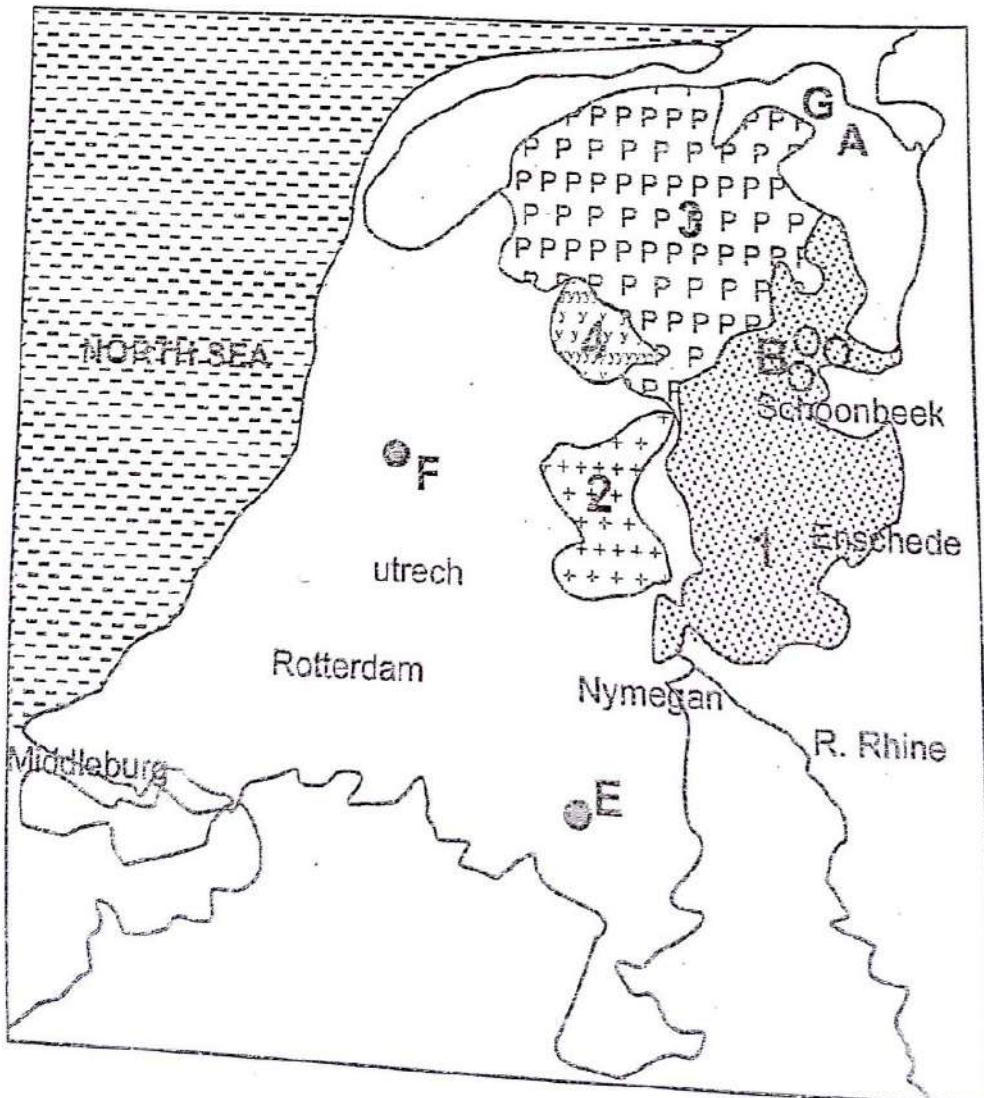
Turn Over

- c) Describe the problems faced by commercial wheat growers in Canada. (06marks)
- d) Outline the steps being taken to improve agriculture in Canada. (06marks)

## REGION II – THE RHINELANDS

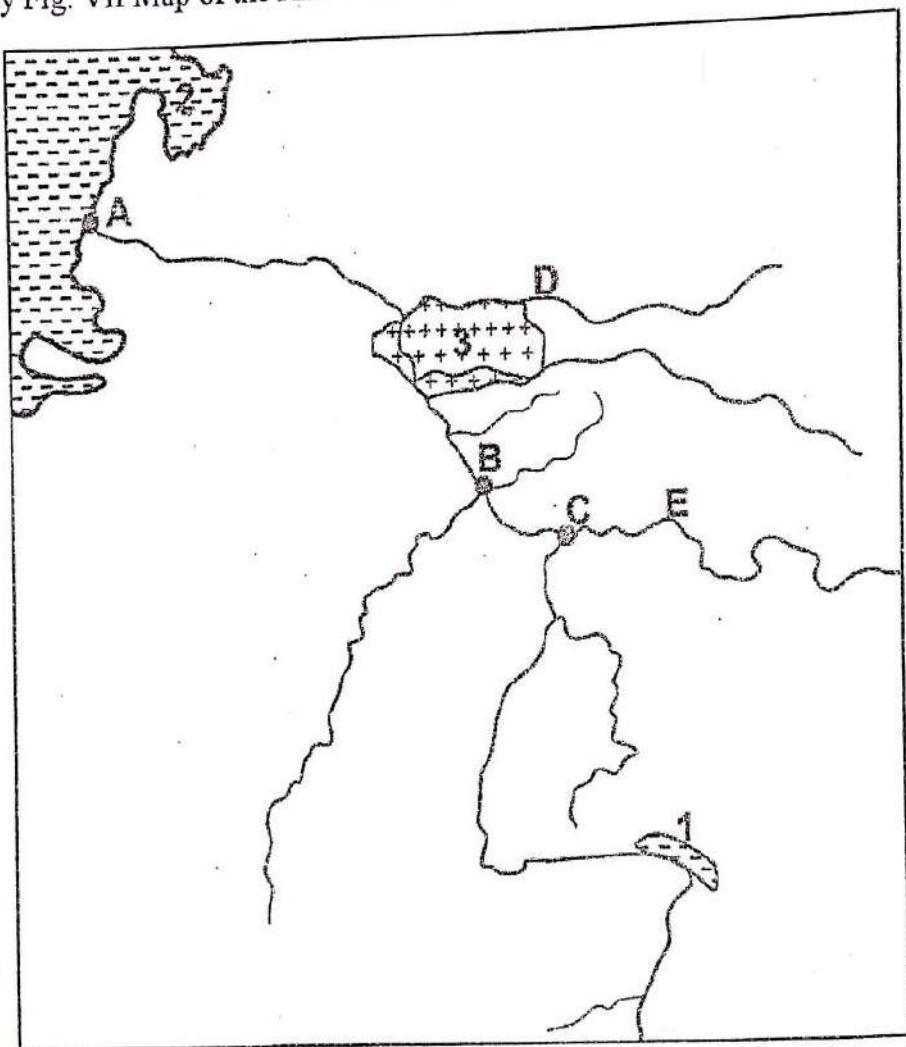
10. a) State the reasons why the highlands of Switzerland are sparsely populated. (4 marks)
- b) i) Identify any three glacial features in the Swiss highlands. (3marks)
- ii) Describe the formation of any one feature in (b) (i) above (5 marks)
- c) i) State any three economic activities taking place in the Swiss highlands. (3 marks)
- ii) Explain the problems facing economic activities in the Swiss highlands. (5 marks)
- d) What steps have been taken to solve the problems in (c) (ii) above. (5 marks)

11. Study Fig VI Map of Netherlands provided below and answer the questions that follow.



- a) i) Name the land use types marked 1,2,3, and 4  
 ii) Minerals mined at A and B  
 iii) Towns E and F (8 marks)
- b) i) Describe the factors favouring dairy farming in Netherlands (5 marks)  
 ii) Name any two types of dairy cattle kept. (2 marks)
- c) Outline the characteristics of Dutch Cattle farming. (5marks)
- d) Explain the problems faced by the Dutch dairy farmers. (5marks)

12. Study Fig. VII Map of the Rhine River and answer questions that follow.



- a) Name;  
 i) Water bodies marked 1 and 2  
 ii) Ports marked A, B, and C  
 iii) Rivers marked D and E  
 iv) Industrial region marked 3 (8marks)

Turn Over

- b) i) Identify two types of industries in the region named in (a) (iv) above. (2marks)
- ii) Explain the factors that have favoured development of industrial region named in (a) (iv) above. (8marks)
- c) What is the importance of the industrial sector to the development of Germany? (4marks)
- d) Outline the effects of industrialization on the physical environment in Germany? (3 marks)

### REGION III - CHINA

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

- i) Areas with a population density of;
  - Less than 10 persons per km<sup>2</sup>
  - 10-100 persons per km<sup>2</sup>
  - 100-200 persons per km<sup>2</sup>
  - Over 200 persons per km<sup>2</sup>
- ii) Port City - Hong Kong
- iii) Water body - Yellow Sea
- iv) Tibet Plateau
- v) Takla Makhan desert

(9 marks)

Explain the factors responsible for population increase in China. (6 marks)

State the effects resulting from population increase in China. (5marks)

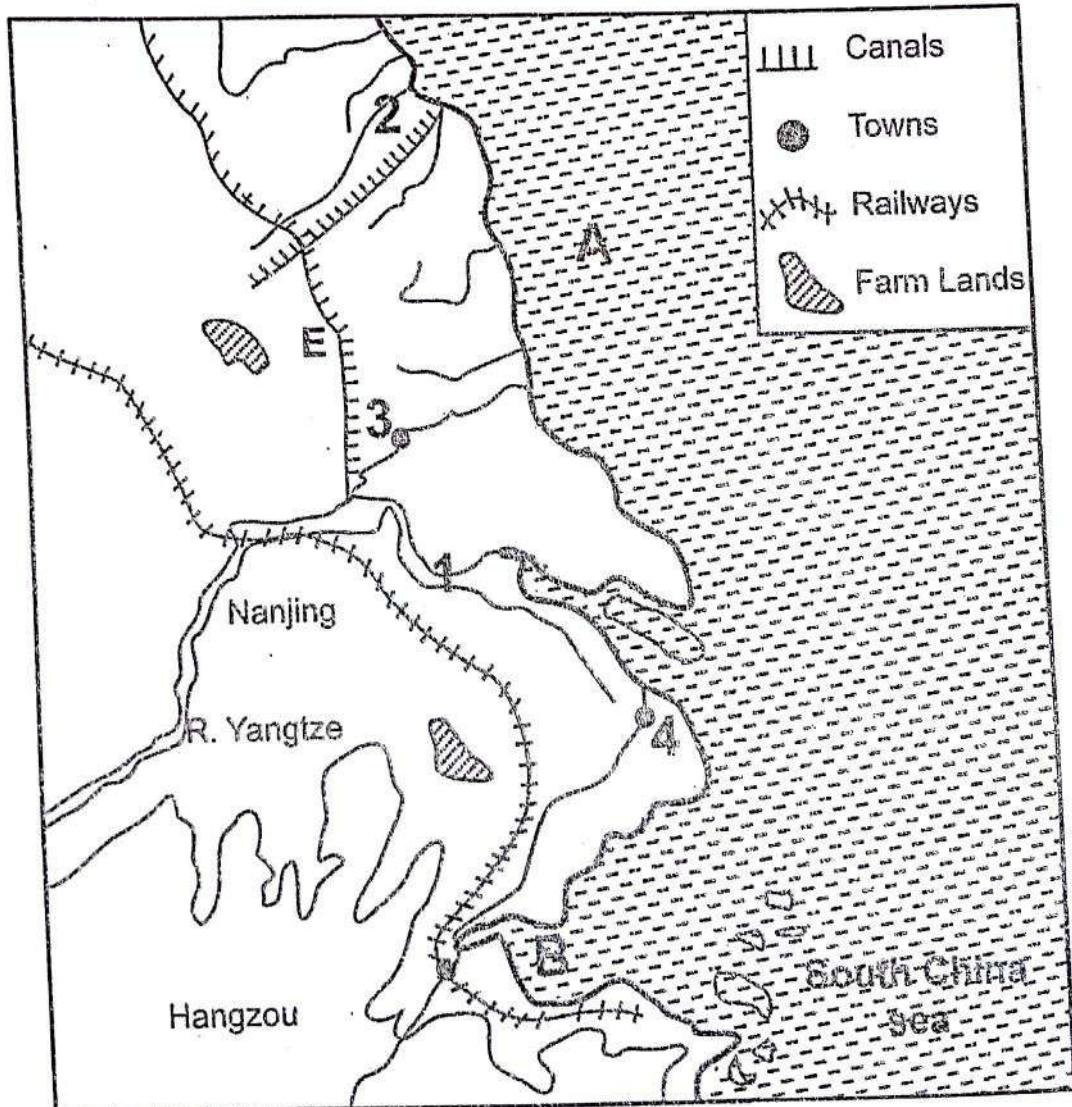
Suggest steps that should be taken to solve population problems in China. (5marks)

Study Table 3 showing types of electricity used in china in 2005 and answer questions that follow.

| Types of electricity used | Percentage |
|---------------------------|------------|
| Coal                      | 74.0       |
| Natural gas               | 1.5        |
| Oil                       | 3.5        |
| Hydro power               | 17.0       |
| Nuclear                   | 4.0        |

- a) Draw a pie-chart to present the information in the table. (10marks)
- b) Name the  
(i) Least,  
(ii) Most,  
popular type of energy used in China. (2marks)
- c) Give the disadvantages of using:  
(i) Coal , (5marks)  
(ii) Hydropower (2marks)  
as a source of energy for industrial development.
- d) Outline the benefits of the energy sector to China's economy. (6marks)

15. Study the sketch map of Yangtze River basin and answer the questions that follow:



Turn Over

- a) Name:
- (i) Water body: A and B
  - (ii) Rivers: 1 and 2
  - (iii) Canal: E
  - (iv) Towns: 3 and 4
- (07marks)
- b) (i) Name two crops grown in the Yangtse River Basin besides Cotton and Rice.
- (02marks)
- (iii) Explain the factors that have favoured the production of cotton in the Yangtse River Basin.
- (04marks)
- c) (i) What problems do the cotton farmers of the Yangtse River Valley face?
- (04marks)
- (ii) How are the problems in (c) (i) above being solved?
- (04marks)
- d) Explain the effects of Cotton growing on the physical environment in the Yangtse River basin.
- (04marks)

END

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GEOGRAPHY  
July / August 2010  
2½ hours

**WAKISSHA JOINT MOCK EXAMINATIONS**

**Uganda Certificate of Education**

**GEOGRAPHY**

**Paper 2**

**2 hours 30 minutes**

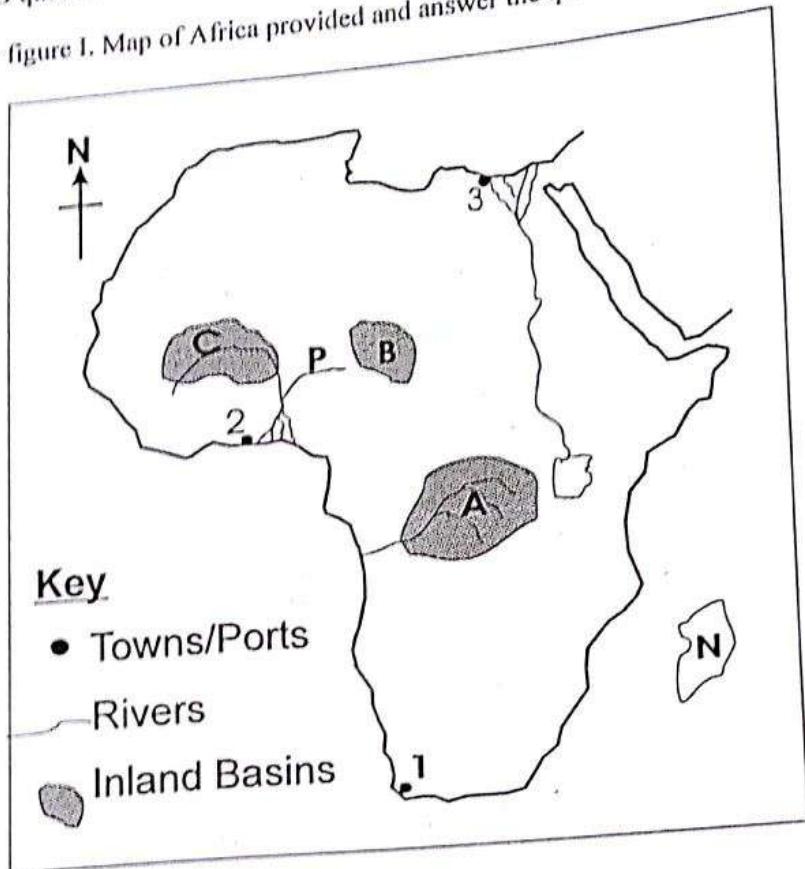
**INSTRUCTIONS TO CANDIDATES:**

- *Answer four questions in all*
- *Choose two questions from part I and two from part II*
- *In part II only one question should be chosen from any one region.*

**SECTION A**  
**PART 1: REST OF AFRICA**

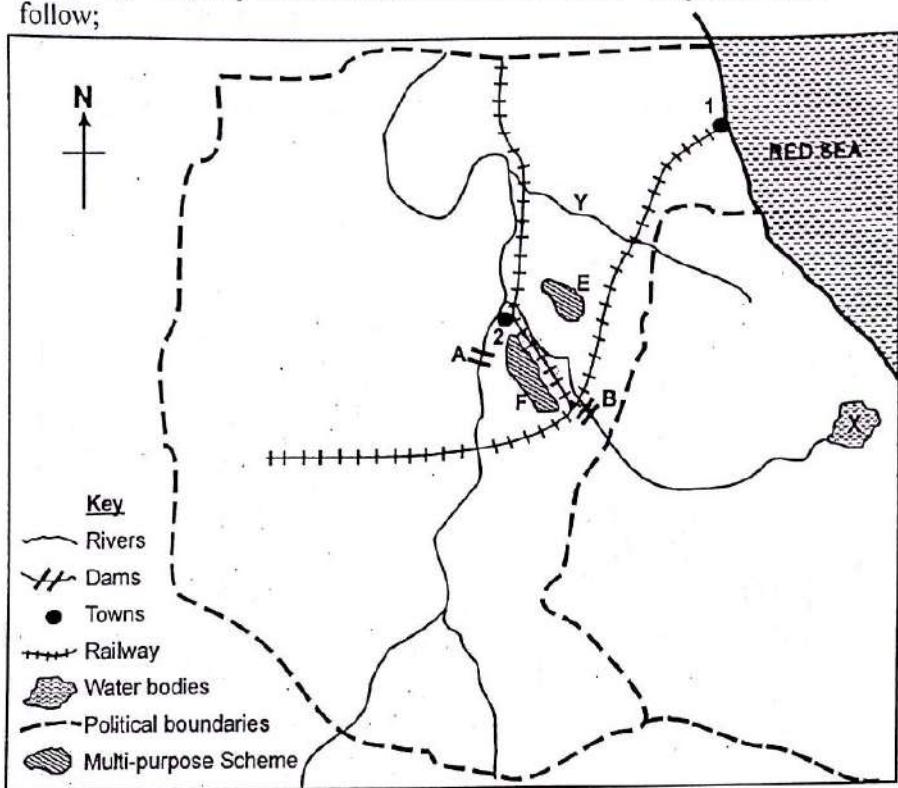
Answer **TWO** questions from this part.

1. Study figure 1. Map of Africa provided and answer the questions that follow:



- a) Name:
- i) Inland drainage basins marked A, B and C.
  - ii) Major towns marked 1, 2 and 3
  - iii) Island marked N
  - iv) River marked P
- b) Describe how the inland drainage basins were formed.
- c) Outline the usefulness of the inland drainage basins named in (a) (i) above to the people living in the area.
- d) Explain the problems facing the people living in the inland drainage basins named in (a) (i) above.

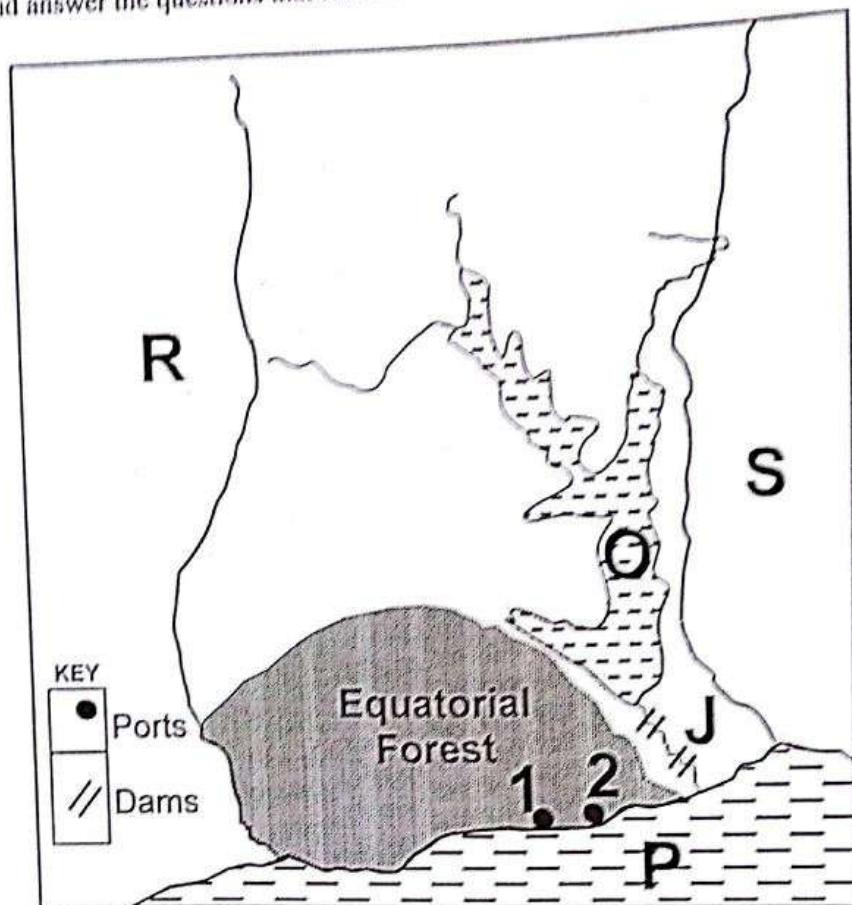
2. Study Figure II, map of Sudan drawn below and answer the questions that follow;



- a) Name:
- The schemes marked E and F
  - Water bodies marked X and Y
  - Towns marked 1 and 2
  - Dams marked A and B
- b) i) What is the main cash crop produced under the scheme marked F?
- For the cash crop named in (b) (i) above, describe the conditions which have favoured its successful production.
- c) Outline the problems facing the production of the cash crop named in (b) (i) above.
- d) What are the steps being taken to solve the problems mentioned in (c) above?

**Turn Over**

3. Study Figure III Map of Ghana showing the extent of the Equatorial forests and answer the questions that follow.



- a) Name;
- i) Water bodies marked O and P.
  - ii) Dam marked J
  - iii) Ports marked 1 and 2
  - iv) Counties marked R and S
- b) i) Name any three tree species exploited in the Equatorial forests of Ghana.
- ii) Describe the characteristics of the Equatorial forests of Ghana.
- c) i) What problems face forest exploitation in Ghana?
- ii) How has the Ghanaian government tried to solve the problems mentioned in (C) (i) above.
- d) Name any three products of the forestry industry in Ghana.

**PART II - STUDIES IN DEVELOPMENT**

**Answer two questions from this part.**

**REGION I – NORTH AMERICA**

7. Draw a sketch map showing the Great lakes and St. Lawrence seaway and on it, mark and name:
- (i) Rivers: St. Lawrence and Ottawa
  - (ii) Lakes: Superior and Ontario
  - (iii) Canals: New York State barge and Sault ste marie
  - (iv) Ports: Thunderbay and Hamilton.
- b) Why was the St. Lawrence Seaway constructed?
- c) Explain the benefits of the St. Lawrence sea way to U.S.A and Canada?
- d) Outline the problems still facing the people using the St. Lawrence Sea way.

8. Study table II below; showing the means of transport used in Manhattan New York and answer the questions that follow.

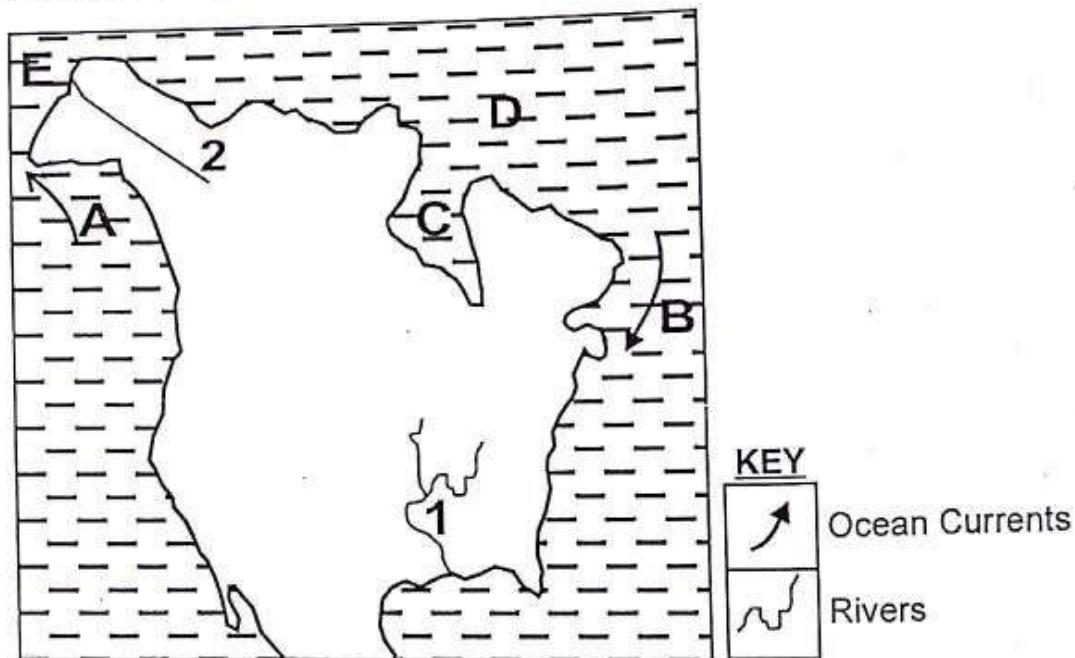
| Means of transport           | % age |
|------------------------------|-------|
| Sub way (Underground trains) | 70    |
| Train                        | 9     |
| Bus                          | 6     |
| Ferry                        | 2     |
| Others                       | 13.1  |

Source: White R.G & Bourman. North America

- a) Draw a pie chart to show the relative importance of each means of transport in New York city.
- b) i) Give three reasons favouring the most utilized means of transport in Manhattan New York.  
ii) Describe the problems faced by the transport sector in New York City.
- c) Explain the effects of the transport sector on the environment in New York.

**Turn Over**

9. Study figure V, Map of North America and answer the questions that follow.



- a) Name
  - i) Fishing grounds: D and E
  - ii) Ocean currents A and B
  - iii) Rivers 1 and 2
  - iv) Bay marked C
- b) Explain the physical conditions that have favoured fishing in any one named ground in a (i) above
- c) i) What are the benefits of the fishing industry to the people of British Columbia.
  - ii) Name any two modes of transporting fish in British Columbia.

## REGION II – RHINELANDS

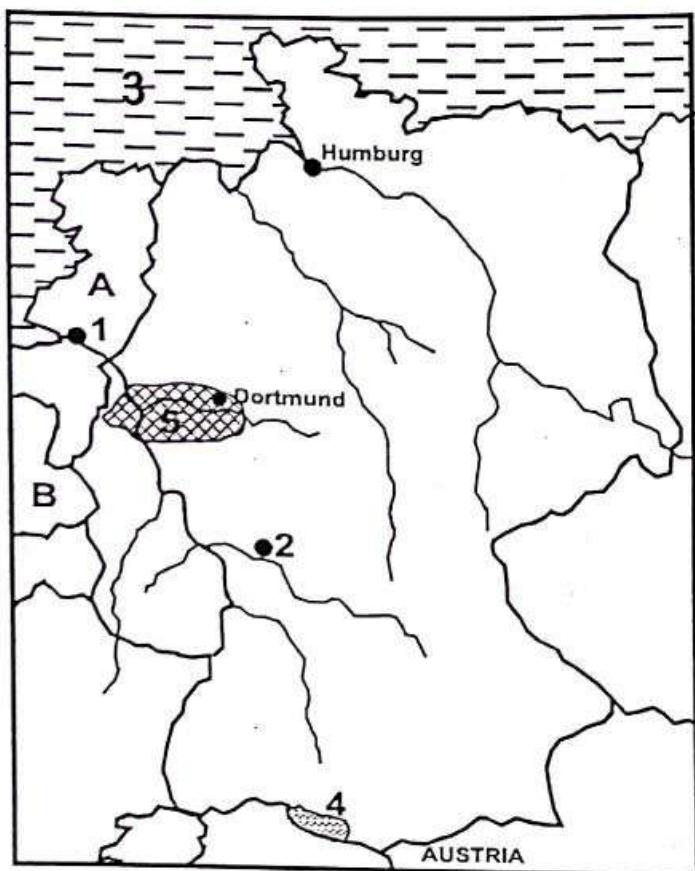
10. a) i) What is glaciation?  
ii) Give two ways through which glaciers erode.  
iii) Outline the factors which influence the downward movements of glaciers in Switzerland.
- b) Name two  
i) Glacial erosional features  
ii) Glacial depositional features found in Switzerland
- c) Explain the importance of glaciation to the economy of Switzerland.
- d) Outline the problems associated with glaciation in Switzerland.
11. Study table III below showing Land use in the Netherlands and answer the questions that follow.

| Land use type      | Total Land area (Hectares) |
|--------------------|----------------------------|
| Arable farming     | 770,000                    |
| Horticulture       | 140,000                    |
| Pasture            | 1,505,000                  |
| Wood and wasteland | 525,000                    |
| Others             | 560,000                    |

- a) Draw a bar graph to represent the information given in the table above.
- b) Explain why a large part of land is left under pasture.
- c) i) Name any two types of dairy cattle reared in the pasture lands of Netherlands.  
ii) Describe the conditions that have favoured dairy farming in Netherlands.
- d) Outline the problems affecting the dairy farming Industry.

Turn Over

12. Study Fig 6: Map of Germany and answer the questions that follow



- a) Name the;
- Water bodies: 3 and 4
  - Ports: 1 and 2
  - Neighbouring countries A and B
  - Region marked 5
  - Dominant mineral mined in the shaded region marked 5.
- b) Explain the factors that have favoured the development of the mining industry in the region named in a (iv) above.
- c) i) Identify any three uses of the mineral named in a (v) above.  
ii) What factors have led to a decline in production of the mineral named in a (v) above?

### REGION III – CHINA

13. Study table IV below showing the climatic statistics of Kweilin station in River Sikiang basin and answer the questions that follow:

Station: Kweilin (River Sikiang Basin)

| Months    | J   | F   | M   | A    | M    | J    | J    | A    | S    | O    | N    | D    |
|-----------|-----|-----|-----|------|------|------|------|------|------|------|------|------|
| Temp (°C) | 9.0 | 6.8 | 9.6 | 12.3 | 18.2 | 22.1 | 26.8 | 28.5 | 27.6 | 25.9 | 22.3 | 15.5 |
| R.F (mm)  | 41  | 102 | 109 | 239  | 358  | 417  | 203  | 178  | 76   | 66   | 53   | 41   |

Adapted from Tregear, TR (1980) China: A geographical survey Pg 303.

- a) Draw a suitable graph to show the climate of the station above.
- b) Calculate the
  - i) Annual range of temperature
  - ii) Mean annual rainfall
  - iii) Mean annual temperature for the station.
- c) Describe the economic activities taking place in an area where the station is found
- d) Explain the problems faced by the people living in the surrounding area.

14. a) Draw a Sketch map of China and on it, mark and name;

- i) Lowland areas below 1500metres
- ii) Plateau areas between 1500 and 4000metres
- iii) Highland areas above 4000metres
- iv) Water body: Yellow sea
- v) Rivers: Sikiangi, Huang-he

- b) Describe the process which led to formation of high land areas in China.

- c) Outline the problems faced by people in highland areas of China.

- d) Explain the influence of relief on drainage in China.

- 15.\* Study table V below, showing Iron-ore production and consumption in China between 1980-1994 and answer the questions that follow:

Production and Consumption in '000 metric tones

| Year | Iron ore Production | Iron ore consumption |
|------|---------------------|----------------------|
| 1980 | 68,072              | 120,394              |
| 1985 | 80,000              | 140,354              |
| 1990 | 168,300             | 193,471              |
| 1995 | 234,660             | 222,771              |

- a) Draw a line graph to show annual Iron-ore production between 1980-94.

- b) Describe;
  - i) trend of production
  - ii) relationship between production and consumption between 1980 and 1995

- c) i) State any one area in China where Iron ore is mined.

- ii) Explain factors which have favoured production of Iron ore in China

- d) Outline the contribution of Iron ore to the development of China.

END

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GEOGRAPHY  
Paper 2  
July / August 2011  
2½ hours



## WAKISSHA JOINT MOCK EXAMINATIONS

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 from part II.
- In part II only *one* question should be chosen from any one region.

**Turn Over**

## SECTION A

### PART 1: REST OF AFRICA

Answer **TWO** questions from this part.

1. Study Table I below; showing incidences of drought in Africa (1991-2004) and answer the questions that follow.

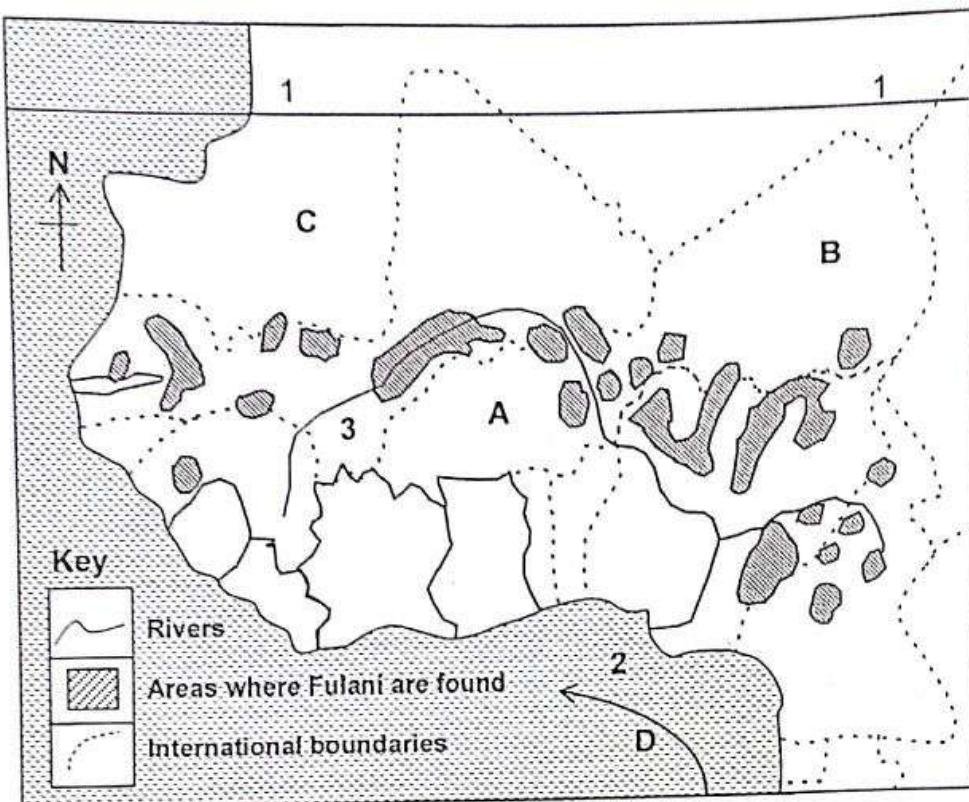
Table I: Africa: incidences of Drought (1991 - 2004)

| Country                  | Total years of drought |
|--------------------------|------------------------|
| Botswana                 | 02                     |
| Sudan                    | 07                     |
| Zimbabwe                 | 06                     |
| Republic of South Africa | 03                     |
| Algeria                  | 04                     |

Adapted: Africa Development Indicators (2005), The World Bank, Washington DC P235.

- a) Draw a bar graph to represent the information given in the table above (9 marks)
- b) Identify the country with the ;  
(i) Lowest  
(ii) Highest  
incidences of drought (2 marks)
- c) Describe the features which have led to the occurrence of drought in the country named in b (ii) above. (5 marks)
- d) Outline the;  
(i) Effects of drought on human activities in Africa  
(ii) Measures being taken to solve the problem of drought in Africa. (5 marks)  
(4 marks)
2. a) Draw a sketch map of Africa and on it mark and name:  
i) Prevailing winds; Hamattans and South East Trade  
ii) Latitudes; Equator and Tropical of Cancer  
iii) Ocean currents; warm Guinea and Mozambique  
iv) Climatic regions; Savanna and Sahel (9 marks)
- b) Describe the factors responsible for the rainfall patterns in the savanna region. (4 marks)
- c) Explain the influence of climate on agricultural activities in the savanna region. (6 marks)
- d) What are the effects of climate on agricultural activities in the Savanna region? (6 marks)

3. (a) Study Figure I: Map of Sahel region showing areas occupied by nomadic pastoralists and answer the questions that follow;



Name the;

i) Countries marked A,B and C (3 marks)

ii) Latitude marked 1 (1 mark)

iii) Water body marked 2 (1 mark)

iv) River marked 3 (1 mark)

v) Ocean current marked D (1 mark)

b) i) Name any one group of people practicing nomadic pastoralism in the Sahel. (1 mark)

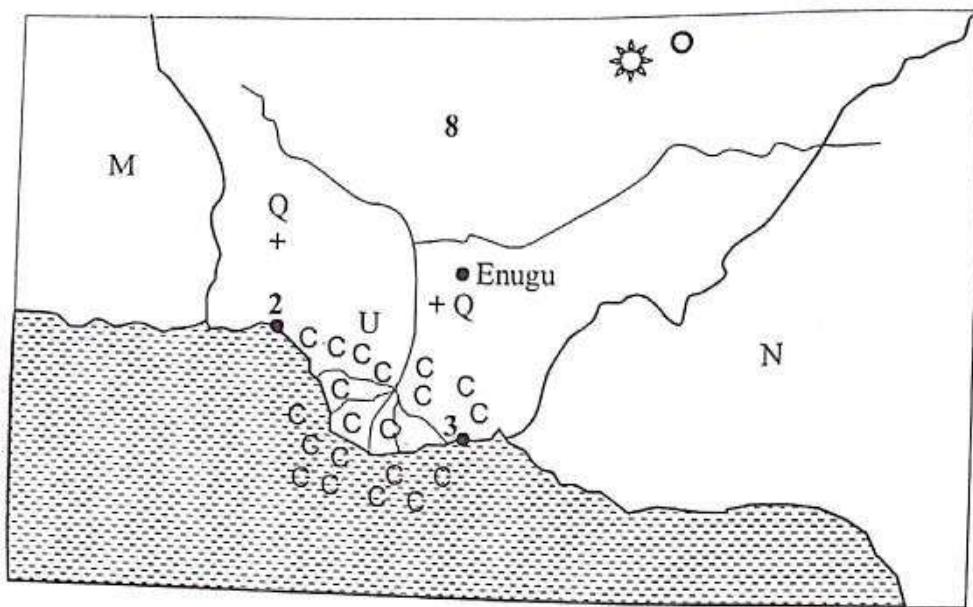
ii) Explain the importance of livestock farming to the people living in the Sahel. (5 marks)

c) i) Outline the problems faced by nomadic pastoralism in Africa. (6 marks)

d) Describe the measures being taken to improve the livestock industry in Africa. (6 marks)

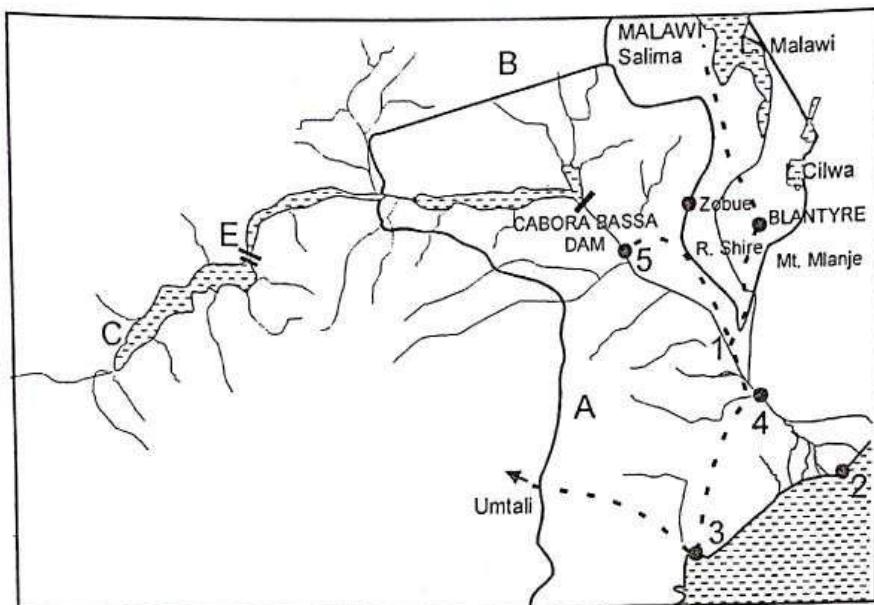
Turn Over  
3

4. Study Figure 2: Map of Southern Nigeria and answer the questions that follow



- a) Identify the following (7 marks)
- Minerals mined at point O, Q and U
  - Ports /towns marked 2 and 3
  - Countries marked M and N
- b) Describe how the minerals mined at point marked U is mined. (5 marks)
- c) (i) Explain the factors that have favoured the extraction of minerals at point marked in U in Nigeria (5 marks)
- (ii) Outline the effects of mining the mineral at point U on the environment. (4 marks)
- d) What are the benefits of mining the mineral at point U to the people of Nigeria? (4 marks)

- i. Study figure 3: map showing the Kariba/Cabora Bbasa multi-purpose project and answer the questions that follow;



- (a) Name the:
- i) River marked 1 (1 mark)
  - ii) Ocean marked 2 (1 mark)
  - iii) Port marked 3 (1 mark)
  - iv) Towns marked 4 and 5 (02 mark)
  - v) Countries marked A and B (02 mark)
  - vi) Lake C and dam E (02 mark)
- (b) Describe the factors which led to the establishment of the Kariba river project. (6 marks)
- (c) Explain the effects of the establishment of the project in (b) above on the environment. (6 marks)
- (d) Outline the steps being taken to address the negative environment effects of the project. (04 marks)

6. Study table II below: showing distribution of transport routes and answer the questions that follow.

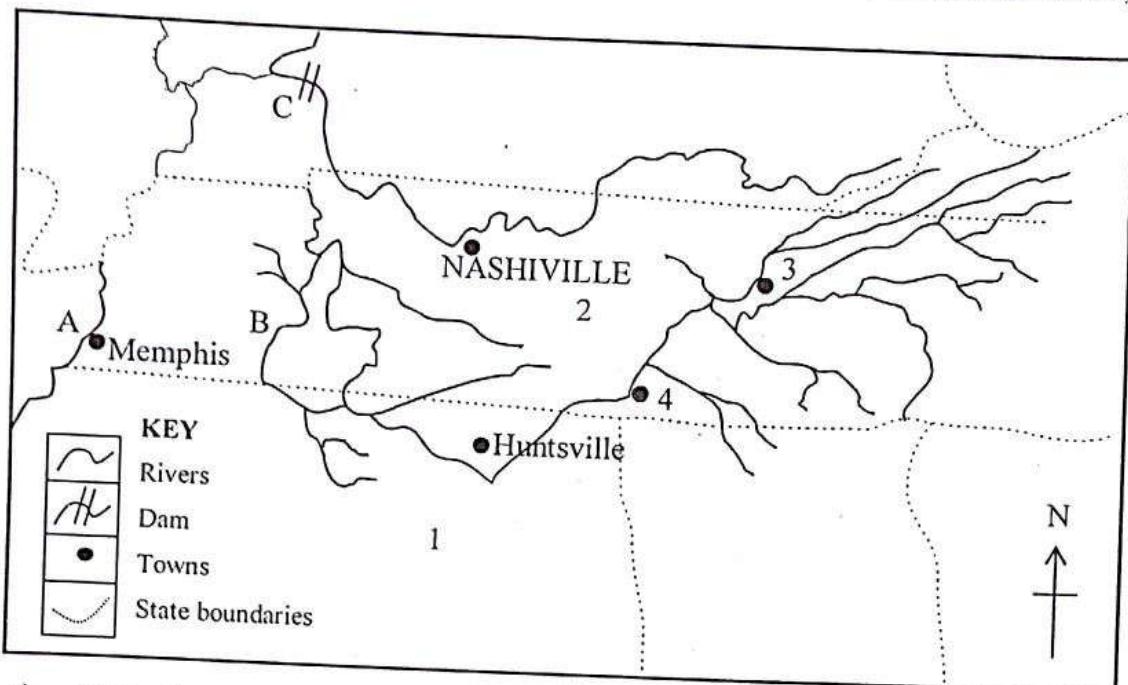
| Country           | Percentage area in Km |
|-------------------|-----------------------|
| Nigeria           | 20.8                  |
| Congo – Kinshasha | 2.2                   |
| S. Africa         | 39.2                  |
| Zambia            | 15.8                  |
| Ethiopia          | 18.7                  |
| Morocco           | 3.3                   |

- Draw a pie chart to show the proportion of the transport system in selected countries of Africa. (12 marks)
- Explain the factors influencing the distribution of transport systems in Africa. (5 marks)
- What are the benefits of the transport sector to the people of Africa? (4 marks)
- Explain the physical limitations affecting inland water transport in Africa. (4 marks)

**PART II - STUDIES IN DEVELOPMENT**  
**Answer two questions from this part.**

**REGION I – NORTH AMERICA**

7. Study fig 4: Sketch map of the Tennessee valley and answer the questions that follow;

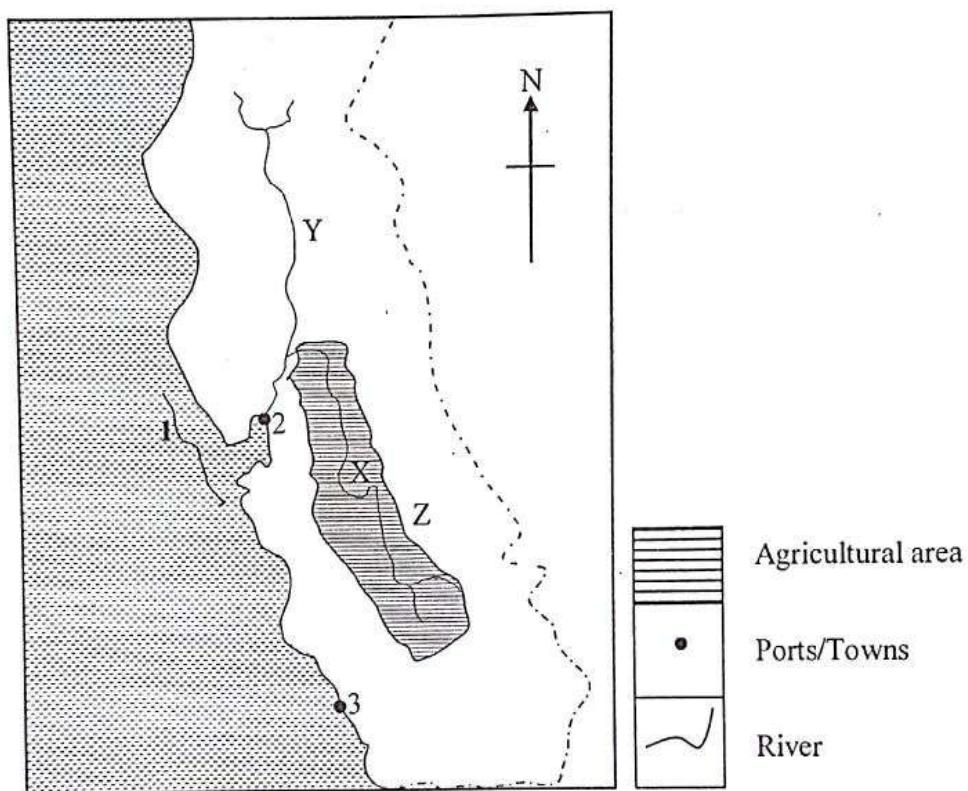


- a) Name the ; (7 marks)
- Rivers marked A and B
  - Dam marked C
  - States marked 1 and 2
  - Towns marked 3 and 4
- b) What caused severe soil erosion in the Tennessee valley region? (6 marks)
- c) Describe the steps that were taken to control soil erosion in the Tennessee valley region. (6 marks)
- d) Explain the influence of the Tennessee Valley Authority to the growth of industries in the Tennessee region. (6 marks)
8. Study table III below; showing average cereal production per hectare in Canada and answer the questions that follow.

| Year      | Average yield kgs/ha |
|-----------|----------------------|
| 1986 - 88 | 2,238                |
| 1988 - 90 | 2,200                |
| 1990 - 92 | 2,531                |
| 1992 - 94 | 2,566                |
| 1994 - 96 | 2,702                |

**World Resource series (1990-94)**

- (7 marks)
- a) Draw a line graph to represent the information in the table.
- b) i) calculate the percentage change in cereal production between 1990 and 1996. (2 marks)
- ii) Describe the trend in cereal production between 1986 -1996. (2 marks)
- c) Explain the conditions responsible for the trend in (b) (ii) above. (8 marks)
- d) i) Name any two cereals grown in Canada. (2 marks)
- ii) What problems face cereal growers in Canada? (4 marks)
9. Study figure 5, Map showing the Southern California and answer the questions that follow.



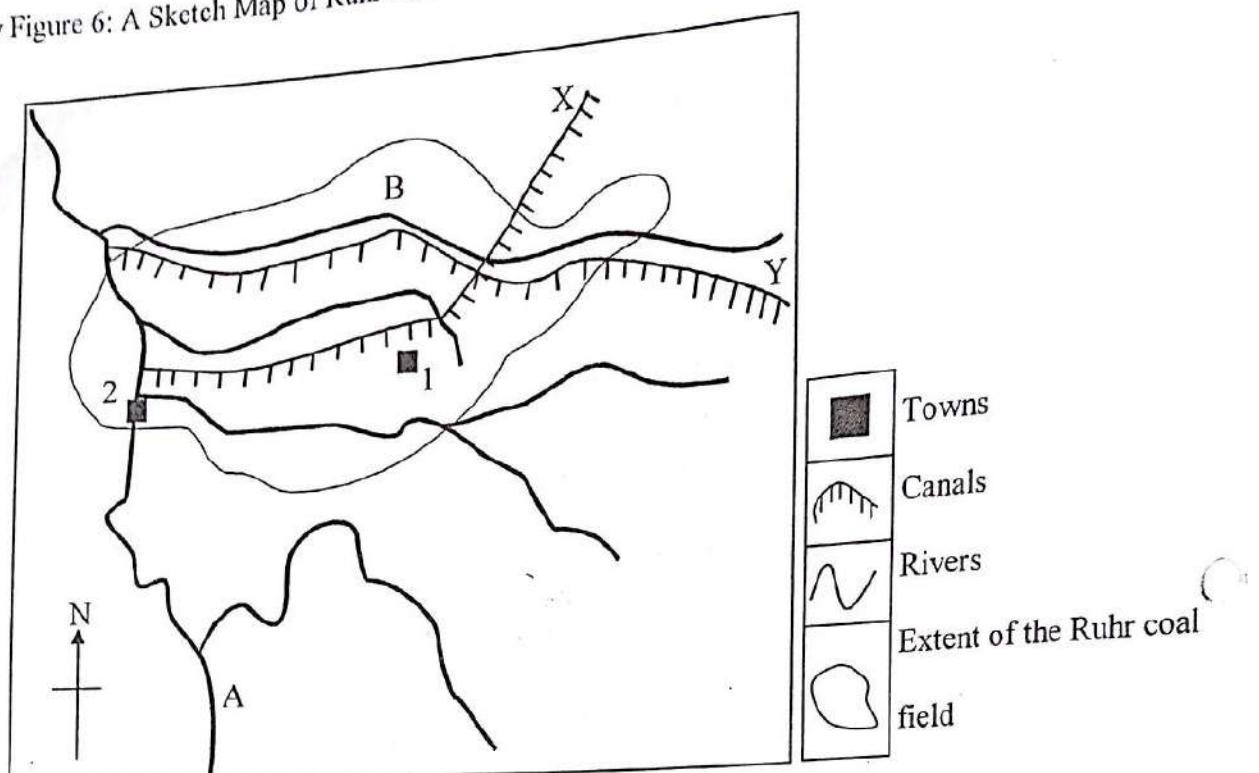
- a) Name the;
- Region marked Z
  - Rivers marked Y and X
  - Ports / towns marked 2 and 3
  - Oceans current marked 1
- (6 marks)
- b) Describe the factors responsible for the semi – arid conditions in the Southern California. (4 marks)

- c) i) Explain the conditions which favoured the practice of irrigation farming in the region marked Z. (5 marks)  
ii) Outline the effects of irrigation farming to the environment in Southern California. (8 marks)  
d) Name two crops grown in the region marked Z. (2 marks)

## REGION II – THE RHINELANDS

10. a) Draw a sketch map of Switzerland and on it mark and name the;  
i) Physical regions: Alps, Jura and Swiss Plateau  
ii) Rivers; Rhone, Aar, Ticino and Rhine  
iii) Tourist Resort: St. Moritz, Interlaken and Lausanne (7 marks).
- b) State any two tourist attractions in the;  
i) Swiss plateau (2 marks)  
ii) Swiss Alps (2 marks)  
iii) Jura (2 marks)
- c) Describe the conditions which have favoured the development of the tourist industry in Switzerland (6 marks)
- d) Why is the tourism industry less developed in East Africa than in Switzerland? (6 marks)
11. a) Draw a sketch map of Belgium and on it mark and name;  
(i) Industrial centre of Antwerp, Tournoi and Brussels.  
(ii) Coal fields of Charbroi and Leige  
(iii) Albert Canal and River Scheldt. (8 marks)
- a) Describe the conditions that led to the development of iron and steel industry in Belgium. (7 marks)
- b) Outline the problems facing the Iron and Steel industry in Belgium. (5 marks)
- c) State the steps being taken to improve on the industrial sector in Belgium. (5 marks)

Study Figure 6: A Sketch Map of Ruhr Coal field and answer the questions that follow.



- Name the:
  - Towns : 1, 2
  - Rivers : A, B
  - Canals : X and Y(6 marks)
- Explain the factors that favoured mining in Germany.(5 marks).
- State the reason for the decline of coal mining in the Ruhr Coal field.(5 marks)
- Outline the:
  - benefits of mining to Germany.
  - the effects of mining on the environment of Germany.(5 marks)(4 marks)

### REGION III – CHINA

- 13      (a) (i) What is an agricultural commune? (4 marks)  
             (ii) Mention any two crops grown on agricultural communes in China (2 marks)
- b) Describe the conditions that favoured the establishment of agricultural communes in China. (6 marks)
- c) Explain the contribution of agricultural communes to the development of China. (8 marks)
- d) Outline the disadvantages of agricultural communes in China. (5 marks)
14.     a) (i) What is meant by the term Entrepot? (2 marks)  
             (ii) Describe the factors which favoured the development of Hong Kong Port. (8 marks)
- b. What is the importance of Hong Kong Port to the development of China? (5 marks)
- c. Explain the problem faced by Hong Kong Port. (5 marks)
- d. Outline the steps undertaken to improve Hong Kong Port. (5 marks)
- 15     a) Draw a sketch map of Sikiang river basin and on it mark and name;  
             i) Towns: Hong Kong and Canton  
             ii) Hainan Island  
             iii) South China sea  
             iv) River tributaries: Peliking and Tung – Kiang (7 marks)
- b) Describe the factors that have favoured the development of the Sikiang River basin in China. (8 marks)
- c) Explain the contributions of Sikiang river basin to the development of China. (5 marks)
- d) What problems face people living along the Sikiang river basin? (5 marks)

END