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**GEOGRAPHY**

**Paper 2**

**Jul/Aug 2016**

**2 ½ Hours**



**MUKONO EXAMINATIONS COUNCIL**

**Uganda Certificate of Education**

**GEOGRAPHY**

Paper 2

**2 Hours 30 Minutes**

**INSTRUCTIONS TO CANDIDATES**

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

**PART I: THE REST OF AFRICA**

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

1. a) Draw a sketch map of Africa and on it, mark and label;

1. vegetation zones: tropical rain forests, Montane forest and Mediterranean.
2. Rivers: Niger and Zambezi
3. Highlands: Futajalon and Cape ranges ***(8marks)***

 b) Describe the characteristics of the montane forest vegetation. ***(6marks)***

 c) Explain the factors which have favoured the growth of natural vegetation in Africa. ***(6marks)***

 d) Outline the benefits of natural vegetation to the people of Africa. ***(5marks)***

2. a) Describe the processes responsible for the formation of the following features along a

 river valley.

 (i) water fall

 (ii) delta ***(8marks)***

 b) Name any two rivers in Africa which have a;

 (i) water fall

 (ii) delta ***(4marks)***

c) Explain the benefits of the drainage features in (a) above to the people living in the

 area. ***(8marks)***

d) Outline the problems faced by people living along river valleys in Africa. ***(5marks)***

3. a) Draw a sketch map of Egypt and on it, mark and name

 (i) industrial towns: Cairo, Alexandria and Helwan,

 (ii) River Nile

 (iii) Aswan High dam

 (iv) Lake Nasser

 (v) the Suez Canal ***(8marks)***

b) State any three types of industries found in Alexandria. ***(3marks)***

 c) Describe the factors which have influenced the development of industries in Egypt.

***(8marks)***

 d) Explain the effects of industrialization on the environment in Egypt. ***(6marks)***

4. Study table 1 below showing Cocoa exports from Ghana (1998-2003) and answer the

 questions that follow.

Table 1. Ghana: Cocoa Exports (1998-2003)

|  |  |
| --- | --- |
| Year | Cocoa Exports (000’ Metric tonnes) |
| 1998 | 330 |
| 1999 | 320 |
| 2000 | 405 |
| 2001 | 360 |
| 2002 | 358 |
| 2003 | 390 |

 Adapted: 2005 Africa Development Indicators, The World Bank, Washington DC

 a) Draw a line graph to show the trend in cocoa exports from Ghana between 1998 and

 2003. ***(8marks)***

 b) Describe the trend in cocoa exports shown in (a) above. ***(4marks)***

c) Explain the contribution of cocoa growing to the people of Ghana. ***(8marks)***

d) Outline the problems faced by cocoa growers in Ghana. ***(5marks)***

**PART II: STUDIES IN DEVELOPMENT**

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

**REGION 1: NORTH AMERICA**

5. a) Draw a sketch map showing the area covered by the Tennessee Valley Authority and

 on it, mark and name;

 (i) rivers; Mississippi, Ohio and Tennessee,

 (ii) states; Missouri, Alabama and Kentucky

 (iii) towns; Knoxville, Chattanooga and Nashville. ***(9marks)***

 b) Describe the conditions which led to the establishment of the Tennessee Valley

 Authority. ***(6marks)***

 c) Explain the benefits of the Tennessee Valley Authority to the people of the United

 States of America. ***(6marks)***

 d) Outline the problems that resulted from the establishment of the Tennessee Valley

 Authority. ***(4marks)***

6. Study Table II below showing urban population for selected cities in USA and Canada and

 answer the questions that follow.

 Table II: Urban Population for selected cities in North America.

|  |  |
| --- | --- |
| **City**  | **Population size in ‘000’s** |
| Montreal  | 3,600 |
| Los Angeles  | 12,300 |
| New York | 18,700 |
| Chicago | 8,800 |
| Toronto  | 5,300 |
| Total  | 48,300 |

 Adapted: World Development Indicators; The World Bank, Washington D.C

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

 b) (i) Identify the city with the highest population size.

 (ii) Describe the conditions which have led to a large population size in the city

 identified in (b)(i) above. ***(6marks)***

 c) Explain the effects of urbanization on the environment in any one city in table.

 ***(5marks)***

 d) Suggest measures that should be taken to address the negative effects of urbanization

 in (c) above. ***(4marks)***

7. a) Draw a sketch map of British Columbia and on it, mark and name;

 (i) rivers; Skeena and Fraser

 (ii) the North Pacific Ocean current (Alaska)

 (iii) the coastal ranges

 (iv) Vancouver island

 (v) towns; Vancouver and Kitmat. ***(8marks)***

b) (i) State any two types of fish caught in British Columbia.

(ii) Explain the factors that favoured the development of the fishing industry in British

 Columbia. ***(6marks)***

c) (i) Describe any two methods of marine (sea) fishing.

 (ii) Outline the advantages and disadvantages of using any one of the methods

 identified in (c) (i). ***(8marks)***

d) Explain the benefits of the fishing industry to the development of British Columbia.

***(3marks)***

**REGION II: THE RHINELANDS**

8. a) Draw a sketch map of Switzerland and on it, mark and label

 (i) the three physical regions

 (ii) Lake Constance

 (iii) Rivers; Rhone and Aare

 (iv) Industrial towns; Neuchatel and Zurich ***(9marks)***

 b) Explain the factors which have favoured the growth of manufacturing industries in

 Switzerland. ***(6marks)***

c) (i) Mention any two types of industries found in any one industrial town labelled in

 a(iv) above.

(ii) Outline the benefits of the manufacturing industry to Switzerland. ***(7marks)***

 d) Describe the measures being taken to improve the manufacturing sector in

 Switzerland. ***(3marks)***

9. a) Draw a sketch map showing the Rhine waterway and on it, mark and name

 (i) rivers; Rhine, Mosel and Main

 (ii) ports; Rotterdam and Duisburg

 (iii) the North sea

 (iv) countries; Switzerland and Germany. ***(9marks)***

 b) (i) Mention any two commodities transported along the Rhine waterway.

 (ii) Describe the factors that have favoured the use of River Rhine as a waterway.

***(8marks)***

c) Explain the contribution of the Rhine waterway to the development of the Rhineland

 countries. ***(6marks)***

 d) Outline the steps being taken to improve navigation along the Rhine waterway.

***(2marks)***

10. a) Draw a sketch map of Luxembourg and on it, mark and name;

 (i) areas with: High population density (>150 people/km2) moderate population

 density (50-149people/km2) and low population density (<50people/km2)

 (ii) towns; Wiltz, Luxembourg and Clervaux)

 (iii) rivers; sure and Aizette ***(9marks)***

 b) Describe the conditions responsible for the population distribution in Luxembourg.

***(6marks)***

 c) Explain the disadvantages of a

 (i) Low population density

 (ii) high population density. ***(6marks)***

 d) Outline the measures being taken to address the population problems in

 Luxembourg. ***(4marks)***

**REGION III: CHINA**

11. a) (i) What is agricultural commune? ***(4marks)***

(ii) Mention any two crops grown on agricultural communes in China. ***(2marks)***

 b) Describe the conditions that favoured the establishment of agricultural communes in

 China. ***(8marks)***

 c) Explain the contribution of agricultural communes to the development of China.

***(8marks)***

 d) Outline the disadvantages of agricultural communes in China. ***(3marks)***

12. a) Draw a sketch map of the Yangtze River basin and on it, mark and name;

 (i) towns; Shanghai and Nanking

 (ii) Canals; Peh-Kiangsu and Grand Canal

 (iii) Yellow Sea

 (iv) River Yangtze-Kiang ***(7marks)***

 b) Describe the factors which have favoured irrigation farming in the Yangtze Kiang River

 basin. ***(8marks)***

 c) Explain the importance of the Yangtze-Kiang River basin to the development of China.

***(6marks)***

 d) Outline the;

 (i) problems faced by the farmers living along the Yangtze-Kiang River basin,

 (ii) steps being taken to solve the problems in (d) (i) above. ***(4marks)***

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

 (i) rivers; Hwang-Ho and Yangtze-Kiang

 (ii) industrial towns: Shanghai, Nanjing and Taiyuan

 (iii) any one area where – coal

* Iron ore are obtained ***(8marks)***

 b) Explain the factors which have favoured the development of the industrial towns

 named in (a) (i) above. ***(5marks)***

 c) (i) State any two industries found in either Shanghai or Nanjing.

 (ii) Explain the importance of the industrial sector in China. ***(8marks)***

 d) Outline the problems affecting industrial development in China. ***(4marks)***

***End -***