UGANDA LOWER CERTIFICATE OF EDUCATION

END OF YEAR ASSESSMENT S3 GEOGRAPHY PAPER 2

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Time 2hours.

SET NINE

Instructions

* This paper consists of 6 extended tasks
* All questions carry equal scores
* Attempt any four tasks
* Any additional task(s ) attempt will not be marked.

Qn1. The world is made up of seven continents,these continents very in size, population and they occuppy different positions on the Earth.study the table below showing continents and use it to answer the tasks that follow.

|  |  |
| --- | --- |
| Continents | Area(sq km) |
| Africa | 30370000 |
| Antarctica | 14000000 |
| Asia | 44579000 |
| Europe | 10180000 |
| North America | 24709000 |
| Australia | 86000000 |
| South America | 17840000 |

(a) present the information in the table in the descending order (2scores).

(b) prepare a pie chart to represent the information in the table ( 7scores)

(c) (I) Draw a sketch of Africa and on it Mark and Name.

* Equator, tropical of cancer and Capricorn
* Oceans, Indian and Atlantic ocean
* Mountains Drakensberg and Atlas.

(ii) Write a presentation on the size and position of Africa.(4 scores).

Qn2. There are myth surrounding the existence of of most landforms in Africa for example the occurrence of Earth quakes is linked to cultural gods, the existence of rocks in some areas is linked to ancestral activities. These myths have atimes made people reluctant in following government directives which has led to destruction of property and loss of lives.

Task.

(a) Using the information accuired from landforms and drainage system of Africa, Explain the processes responsible for the formation of mountains in Africa ( 9 scores).

(b) Explain the role of landforms to the development of Africa (11 scores).

Qn3 You have observed that the most dominant vegetation type in Africa is disappearing due to human activities and to a small extend natural factors,This has subsequently led to reduction in the level of rainfall received and increased temperature in Africa.

(a) As a concerned person, write a plan guide activities you would use to restore vegetation in your country (10 scores)

(b) Explain the reasons for the depletions of forests in Africa( 5scores)

(c) Explain the influence of climate on vegetation in Africa (5scores).

Qn 4 Africa is a continent of tourism that is why she's has been described as "the mother of beauty",this ranges from landforms, flora and fauna culture , vegetation etc, However it's climate it's climate is not uniform. Study the table below showing the climate of Cape town South africa and use it to answer the tasks that follow .

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Months | J | F | M | A | M | J | J | A | S | O | N | D |
| Temperature | 21 | 22 | 20 | 18 | 18 | 18 | 13 | 18 | 14 | 16 | 18 | 21 |
| Rainfall (mm) | 25 | 25 | 25 | 76 | 102 | 127 | 127 | 102 | 51 | 51 | 25 | 25 |

(a)Draw a graph to represent the information in the table (7 scores).

(b)Calculate the

* Temperature range
* Annual rainfall
* Annual rainfall range .(5scores).

(c) (I)Describe the features of the climate of Cape town (5 scores).

(ii) outline the likely economic activities that are to be carried in the climate of Cape town (3scores).

Qn 5. Agriculture is the backbone of Africa where farming is practiced using both modern and traditional methods. Although the continent has ample water resources ,only 7% its total arable land is irrigated,this proportion is 3.7% in sub\_ Sahara compared to 10% for south America Asia and 41% in south Asia. Study the table below showing schemes and f complete it correctly.

|  |  |  |  |
| --- | --- | --- | --- |
| Irrigation schemes | Country | Area covered in hectares | Source of water |
| Gezira | .................................... | 880000 | .............................. |
| Galana kulalu | ...................................... | 400000 | Athi |
| Office du Niger | ................................... | 100000 | ................................ |
| Vaalharts | .................................... | 360000 | ................................ |
| Chokwe | ................................... | 330000 | .................................. |
| Mwea tebere | .................................. | 7952 | Thiba |
| Eltunda | ................................... | 1064 | Calueque |
| Middle orange | ...................................... | 15434 | ................................. |

(a) Draw a bar graph to show area coverage of the selected irrigation schemes in Africa.( 6 scores).

Describe any four methods of irrigation used in Africa for crop production ( 4 scores).

Present the irrigation schemes in the table above on a map of Africa (3scores).

Explain the role of irrigation to the development of Africa ( 5 scores).

Qn 6 China is one of the located in East Asia and it's fouth largest country in the world with a total Area of 9596961 square kilometer with a popu of 1.3 billion people.due to high population the Government of china has taken agriculture as a pariority to feed her people. Due to research , demonstration projects modern agriculture has been promoted for example the country has a developed green revolution this is evidenced by hydroponic system of farming.

(I)Define the term" hydroponic farming " (2 scores).

(ii) Describe any two methods used in hydroponic farming in china.(4scores)

(III) Explain the merits and demirits of hydroponic farming.( 6scores).

(b) study the table below showing cereal growing in china and use it to answer the tasks that follow.

|  |  |  |
| --- | --- | --- |
| Cereal production | 2018 | 2919 |
| Maize | 257330 | 260000 |
| Rice | 212130 | 209400 |
| Wheat | 131432 | 132000 |
| Others | 9662 | 9728 |
| Total | .............................. | ....................................... |

(I) Present the information in the table on a pie chart for 2019 .(6 scores).

(ii) Describe the trend of cereal production in china between 2018 and 2019 (2scores).