**SUNRISE ONE TERM 1 EXAMINATIONS 2023**

**Kenya Certificate of Secondary Education**

**FORM FOUR**

**Form 4 GEOGRAPHY Term 1**

**PAPER 2 APRIL 2023 – 2HRS 45 MINS**

**Name: ……………………………………………................ Adm No: ………Index No.……....**

**Class: ……………… Candidate’s Signature: ……. Date: …..……………..**

**Instructions to candidates**

1. ***Write your Name and Index Number in the spaces provided above,***
2. ***This paper consists of two Sections; A and B.***
3. ***Answer aU the questions in Section A.***
4. ***Answer question 6 and any other two questions from Section B.***
5. ***This paper consists of § printed pages. Candidates should check the question paper to ascertain that all the pages are printed as indicated and that no questions are missing.***

***(fi Indicate the question you have chosen to do in section B in the table below***

**For Examiner’s us© only**

|  |  |  |  |
| --- | --- | --- | --- |
| **Section** | **Question** | **Maximum score** | **Candidate’s score** |
| **A** | **1-5** | **25** |  |
| **B** | **6** | **25** |  |
|  | **25** |  |
|  | **25** |  |
| **TOTAL SCORE** |  |  |  |

**SECTION A: 25 MARKS**

*Answer* ***ALL*** *questions in this section*

1. (a) (i) Define Geography. (2 mark)

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(ii) Name **two** branches of Geography (2 marks)

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(b) State **three** reasons why it is important to study Geography. (3 marks)

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1. (a) Name **two** breeds of dairy cattle reared in Kenya. (2 marks)

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(b) State **two** factors which favour dairy farming in Denmark. (2 marks)

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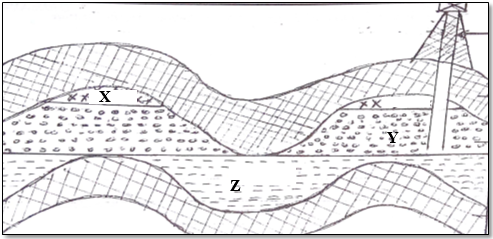
1. (a) Give **two** types of ground photographs. (2 marks)

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(b) State **two** limitations of using photographs. (2marks)

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1. The diagram below shows the occurrence of petroleum on the earth crust. Use it to answer questions (a)and (b)



(a) Name the substance in the areas labeled**X**, **Y** and **Z.** (3marks)

X................................................................................................................................................................. Y.................................................................................................................................................................. Z.................................................................................................................................................................

(b) Give **two**by products obtained when crude oil is refined. (2marks)

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1. (a) State**two**factors that influence the distribution forests in Kenya. (2marks)

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(b) State**three** effects of deforestation to the environment. (3marks)

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**SECTION B**

**Answer question six (6) and any other two Questions from this section.**

1. The table below shows three main crops produced in Kenya in the years 2008-2010

(Amounts in metric tonnes). Use it to answer questions below.

|  |  |  |  |
| --- | --- | --- | --- |
| **Crop** | **2008** | **2009** | **2010** |
| Maize | 200,000 | 380,000 | 400,000 |
| Wheat | 100,000 | 130,000 | 150,000 |
| Tea | 250,000 | 300,000 | 350,000 |

(a)(i) Using a scale of 1cm represent 50,000 metric tonnes, draw a comparative bar graph to represent the data above. (8 marks)

(ii). State **two** advantages of using comparative bar graph. (2 marks)

(b) i). Name **two** counties in Kenya where wheat is grown in large scale. (2 marks)

ii). State **three** conditions that favour wheat farming in Kenya. (3 marks)

(c). State **fou**r benefits of wheat growing in Kenya. (4 marks)

(d). Explain **three** factors that make Canada produce more wheat than Kenya. (6 marks)

1. (a) (i) Define the term mining? (2 marks)

(ii) Give four methods of underground mining. (4 marks)

(b) Explain how the following factors influence mining:

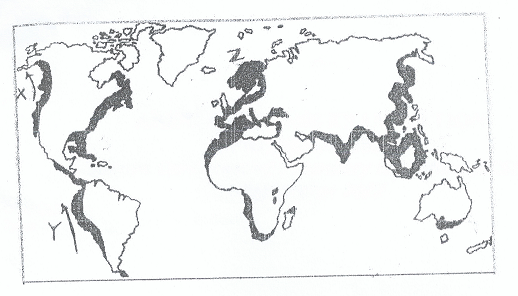
(i) Level of technology (4 marks)

(ii) Quality of the ore (2 marks)

(c) Explain **four**benefits of trona mining at Lake Magadi to Kenya. (8 marks)

(d) State **five**negative effects of mining on the environment. (5 marks)

1. Use the world map below to answer question (a).



(a) (i). Name the ocean currents marked x and Y. (2 marks)

(ii). Name the fishing ground marked Z. (1 mark)

(b). Explain **three** physical factors that favour fishing in the fishing ground marked Z.

(6 marks)

(c) (i). What is fish farming? (2 marks)

(ii). Name **two** fish species reared in fish farms in Kenya. (2 marks)

(iii). Explain **four** problems which are experienced by fish farmers in Kenya. (8 marks)

(d). Give **four** uses of fish. (4 marks)

1. a) State the difference between forest and forestry. (2marks)

b) Explain **four** measures that the Government of Kenya is taking to conserve forest in the country. (8marks)

c) i) List any **three** examples of softwood tree species found in Canada. (3marks)

ii)State and explain any **three f**actors that have favoured forestry in Canada. (6marks)

d)You intend to carry out a field study on forestry within your local environment.

i)State **three** objectives you would formulate for the study. (3marks)

ii)Give **three** reasons why it is important to have a working schedule. (3marks)

1. a)i). Differentiate between Land Reclamation and Land Rehabilitation. (2marks)

ii). Give three methods used in reclaiming land in Kenya. (3marks)

b i). State three benefits of reclaiming Yala swamp. (3marks)

ii). State four physical conditions that favour the establishment of Perkerra Irrigation Scheme. , (4marks)

c. Explain three problems faced by rice farmers in Mwea Irrigation Scheme. (6marks)

d. i). What is a polder? (lmark)

ii). Outline the stages involved in reclaiming land from the sea in the Netherlands. (6marks)