**GEOGRAPHY FORM FOUR**

**GATITU MIXED SECONDARY**

**MID TERM EXAM**

**TERM TWO 2014**

**Kenya certificate of secondary education**

**INSTRUCTIONS TO STUDENTS**

1. ***This paper contains two sections***
2. ***Answer all the questions in section a***
3. ***Answer question six and any other two questions***

**SECTION A**

Answer all the questions in this section

1. (a)What is the solar system (1mk)

(b) Give **three** reasons why the interior of the earth is very hot (3mks)

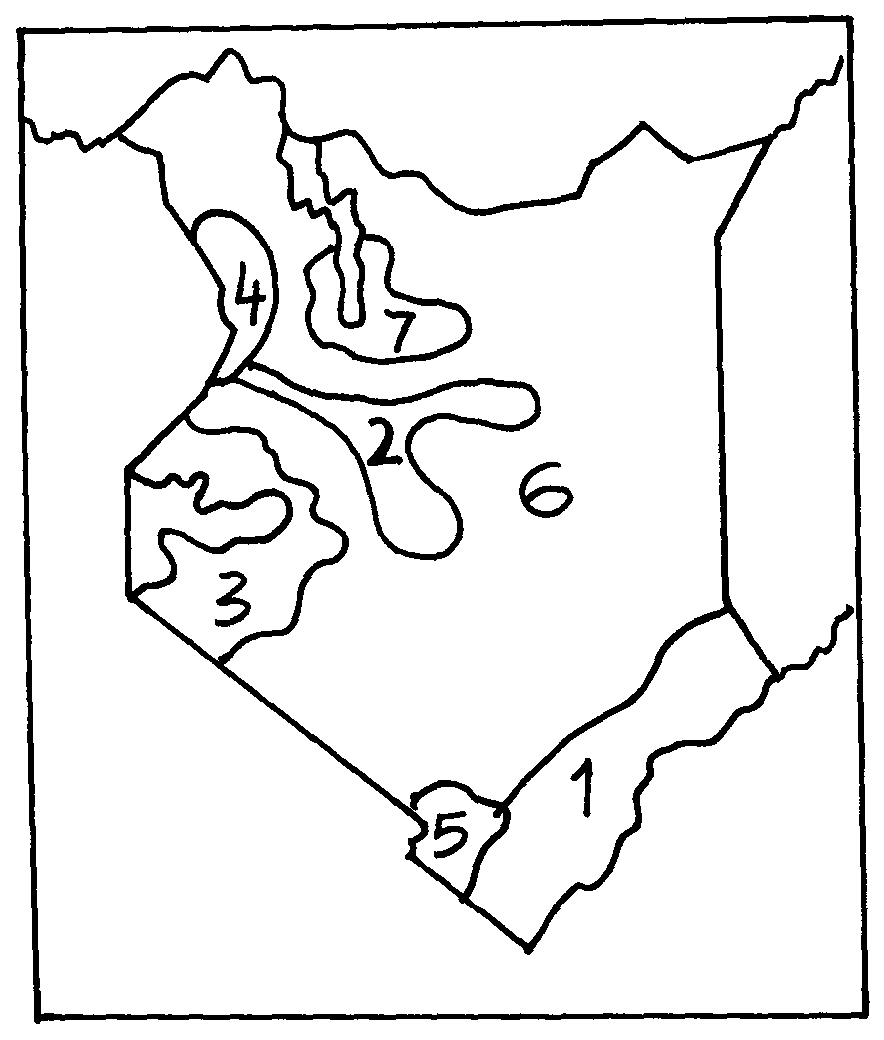
2. State**three** effects of the revolution of the earth (3mks)

3. Explain **four** effects of folding to human activities (4mks)

4. (a) Distinguish between **weather** and **climate(2mks)**

(b) The map below shows the climatic regions of Kenya

(a) Use it to answer the question **a** and **b**



. (a) Name the climatic region name **2** and **3** (2mks)

(b) State **three** characteristics of climatic region marked 1 (3mks)

b) Four classes intend to visit a weather station near your school to study the instruments for measuring weather element:-

1. Describe how you would use a rain gauge to measure rainfall(2mks)
2. Name **two** instruments you would find inside a Stevenson screen(2mks)

**5.** Explain **three** problems caused by a large aging population (3mks)

**SECTION B**

Answer question 6 and any other two questions

6. The table below shows leading import crops by value (Kshs. Million). Use is to answer questions a – c

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **CROP** | | | |
| **Year** | **Un milled wheat** | **Maize** | **Rice** | **Wheat flour** |
| 2000 | 6,989 | 4,664 | 1,968 | 180 |
| 2001 | 7,515 | 3,342 | 2,619 | 639 |
| 2002 | 5,577 | 229 | 2,104 | 237 |
| 2003 | 6,099 | 1,417 | 2,981 | 168 |
| 2004 | 6,754 | 4,647 | 3,659 | 200 |

(a) (i) Using a scale of 1cm represents 100,000 , draw a comparative bar graph to represent the data in the table above (7mks)

(ii) Give **three** advantages of suing comparative bar graphs (3mks)

(b) Explain **three** reasons why Kenya is a producer of the commodities shown in the table above yet she imports the same (3mks)

(c) Name **two** districts in Rift valley where maize is grown in plantations. (2mks)

(d) Outline the significance of maize growing in Kenya.(4mks)

(e) Explain **three** problems facing maize farmers in Kenya(3mks)

(f). Explain **three** physical conditions which favors wheat growing in Kenya (3mks)

7. (a) Apart from Mwea, name **three** other large irrigation schemes in Kenya (3mks)

(b) (i) Explain **four** conditions that made Mwea-Tebere a suitable location for an irrigation scheme (4mks)

(ii) Explain **four** problems facing farmers in Mwea irrigation scheme (4mks)

(c) State **six** benefits which Kenya derives from irrigation farming (6mks)

(d)Distinguish between **land reclamation** and **land rehabilitation (2mks)**

(e) Explain **four** methods of land reclamation in Kenya (4mks)

(f) Explain any **two** methods used in land reclamation and rehabilitation in Netherlands (2mks)

8. a) State **three** reasons why wind erosion is predominant in desert areas.(3mks)

(b) Describe **three** processes by which wind erodes.(3mks)

(c) With aid of well labeled diagrams, describe the formation of the following desert features;

(i) Rock pedestal. (5mks)

(ii) Zeugen. (5mks)

(d) State **four** ways in which desert land forms influence man’s activities.(4mks)

(e) Differentiate between oceans and seas. (2mks)

(f) Explain **three** sources of salinity in the oceans (3mks).

9. (a) (i) Name **three** traditional methods of fishing used in Kenya (3mks)

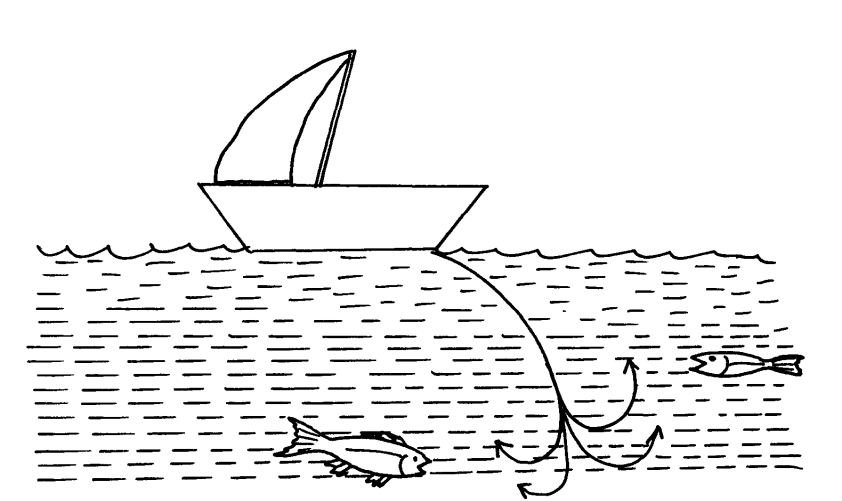
(ii) Identify the **two** main fishing grounds of the Atlantic Ocean (2mks)

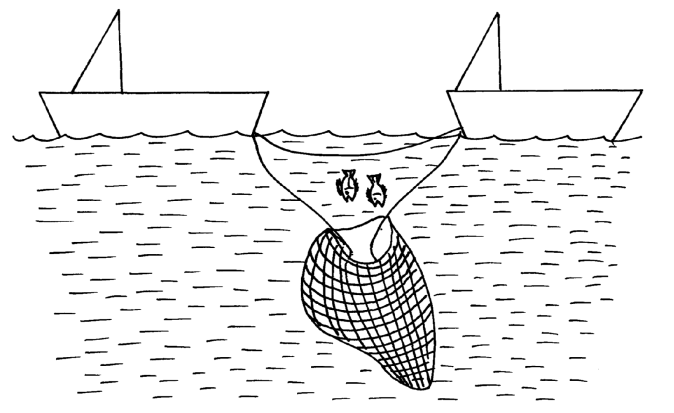
(b) Explain any **four** problems facing fishing in East Africa (8mks)

(c) Explain any **four** ways in which fishing is significant to Kenya (4mks)

(d) Explain **three** factors that favor fishing in Japan.(3mk

(e) Name commercial methods of fishing shown in the diagrams below: (2mks)





(f) State **three** reasons why marine fisheries in Kenya are underdeveloped (3mks)

10.(a) name three types of map (3mks)

(b) State four ways of representing relief on topographical maps (4mks)

Students from your school have conducted a field study on a Lake in Kenya

(i) In their study they identified some of the problems affecting the lake to have beencaused by nearby **industries**and **deforestation** in the surrounding areas. Explain how each of the two could have affected the lake.( 4mks)

(ii) Name any **two** methods they might have used to collect the data. (2mks)

(iii) State any **two** reasons why it would be important to do follow-up after the study (2mks)

(d) You are required to carry out a field study on soil erosion around your school (2mks)

(i) State **two** methods you would use t record data (2mks)

(ii) Give **three** problems you may encounter during the field study (3mks)

**ALL THE BEST**

**MR. MUHINDI SIR.**