**NAME……………………….……………………………………CLASS……….ADM:.............**

**DATE…………………………….………………… .SIGNATURE…………………...**

**(312/2)**

**FORM 4 GEOGRAPHY Paper 2**

**Time: 2¾ hours**

***Kenya Certificate of Secondary Education***

**312/2**

**GEOGRAPHY Paper 2**

**FORM 4 JANUARY 2023 TERM 1 OPENER EXAM**

**INSTRUCTIONS TO CANDIDATES**

* *This paper has* ***two*** *sections:* ***A*** *and* ***B***
* *Answer* ***ALL*** *the questions in* ***section A.***
* *In section* ***B,*** *answer* ***questions 6*** *and any other* ***TWO*** *questions.*
* *Candidates must answer the questions* ***in English****.*

***This paper consists of 5 printed pages. Candidates should check the question paper to ascertain that all pages are printed as indicated and that no questions/pages are missing.***

**SECTION A: ANSWER ALL QUESTIONS IN THIS SECTION**

1.a) What is Human Environment? (2Marks)

 (b) Areas of study under Human Environment. (3 Marks)

2(a) Give two reasons why pastoralists keep large herds of animals. (2 Marks)

 b) Give three ways in which the government of Kenya assist nomadic pastoralists (3 Marks)

3(a) What is a derelict land? (2 Marks)

 (b) State three causes of land dereliction. (3 Marks)

4(a) State three problems facing coffee in Kenya. (3 Marks)

 (b) Outline two benefits of coffee farming in Brazil (2 Marks

5. (a) A photograph is divided into three main parts. Name them. (3 Marks)

 (b) State two limitations of using photographs. (3 Marks)

**SECTION B: Answer question 6 and any other two questions in this section**

6. The table below shows the prices of sugar in Kenya shillings per ton in some countries in Africa.

Use it to answer questions (a)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **YEAR** | **KENYA** | **SOUTH AFRICA** | **TANZANIA** | **ZAMBIA** |
| 2014 | 95,400 | 61,927 | 68,702 | 84,447 |
| 2015 | 111,713 | 67,462 | 66,985 | 93,798 |
| 2016 | 110,878 | 65,173 | 90,649 | 86,832 |

a)(i) Draw a divided rectangle 16cm long to represent the prices of sugar in the year 2016  **(8Marks)**

 (ii) State **two** advantages of using divide rectangle to present statistical data **(2Marks)**

(b) Give **three** physical factors that influence the growing of sugar cane in Kenya **(3 Marks)**

( c ). Describe the stages involved in processing of sugarcane at the factory (**7Mark**s)

 d). State five challenges facing sugar farming in Kenya **(5 Marks)**

**7**(a) (i) Distinguish between a forest and forestry. **(2Marks)**

(ii) Name **two** indigenous softwood trees species found in Kenya **(2Marks)**

(b)(i) Characteristics of planted forests **(3Marks)**

(ii) Name **two** forest reserves in West of the Rift valley of Kenya **(2 Marks)**

b) (i) State **four** characteristics of temperate hardwood forests. **(4Marks)**

 (ii) Explain any **three** problems which have limited exploitation of tropical hardwood forests in Africa **(6Marks)**

c) Give the difference between exploitation of softwood forests in Kenya and Canada under the following headings:

i) Trees species **(2Marks**

(ii) Mode of exploitation **(2Marks)** (iii) Marketing of products **(2Marks)**

8.a) Define the term mineral **(2Marks)**

b) i) Name **two** areas in South Africa where diamond is mined **(2Marks**)

 ii) Give **four** ways in which minerals occur **(4Marks)**

c) i) Explain **Three** negative effects of mining on the environment **(6Marks)**

 ii) Identify any **two** main methods of mining **(2Marks)**

 iii) Name a port through which minerals in East Africa are exported **(I Mark)**

d. Explain **four** ways in which soda ash contributes to the economy of Kenya) **(8Marks**)

**9. (a) i.** Name **three** exotic breeds of cattle reared in commercial ranches in Kenya. **(3Marks)**

 (ii ). Explain **three** problems facing commercial beef farming in Kenya**. (6 Marks)**

 (b). State **four** physical factors that favour dairy farming in the Kenya highlands **(4Marks)**

 c.( i). Apart from fresh milk name three other dairy products (3 Marks)

 (ii) Explain **four** ways in which dairy farming in Kenya is different from dairy

 farming in Denmark. **(8Marks)**