**FORM 4 TERM 1 OPENER (ENTRY)**

**GEOGRAPHY PP2**

**FORM FOUR**

**TIME:2 HOURS**

**INSTRUCTIONS TO STUDENTS**

* ***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.***

*Answer* ***all*** *the questions in this section.*

1. (a) Name *two* indigenous hardwood tree species in Kenya(2mks)

 (b) State *three* factors that favor the growth of softwood forests in Kenya.(3mks)

2. Use the map of Kenya below to answer question (a).

 

**P**

**R**

(a) Name the minerals mined in the areas marked P and R. (2 marks)

b) State *three* benefits of Gold mining to the economy of South Africa. (3 marks)

3. a) differentiate between subsistence farming and commercial farming. (2mks) b) state three characteristics of plantation farming. (3mks)

4 a) Identify three environmental conditions which favor commercial beef farming in Kenya(3marks)

 b)Give two exotic breeds of cattle reared in commercial ranches in the Kenya(2marks)

5a)Define the term photogragh. (2mark)

 b)Name two types of aerial photograph. (2marks)

**SECTION B**

***Answer question 6 and two other questions from this section.***

6. The table below shows the production of maize in tonnes between 2015 and 2017 in four

 divisions of Baringo County.

|  |  |  |  |
| --- | --- | --- | --- |
| **DIVISION** **YEAR** | **2015** | **2016** | **2017** |
| Bartabwa | 3005 | 3500 | 4000 |
| Barwesa | 6087 | 6198 | 7786 |
| Kabartonjo | 6753 | 6547 | 6698 |
| Kipsaraman | 4078 | 5465 | 5567 |
| **TOTAL** | **19,923** | **21,710** | **24,051** |

a. i) Calculate the percentage increase of the total maize production in the four divisions between

2016 -2017 (3mks)

ii) What is the difference in kilograms between the highest production and the lowest in the three years? (2mks)

b.i) Using a radius of 5cm draw a pie-chart to represent production of 2017. (6mks)

ii) Give three advantages of using a pie-chart in representing information. (3mks)

c) State three climatic conditions favoring the growing of maize. (3mks)

d) Explain four problems facing small-scale maize farmers in Kenya. (8mks)

7. a. i) What is forestry? (2mks)

 ii) Explain three factors that favour the growth of natural forests on the slopes of Mt. Kenya. (6mks)

b) Name three exotic species of trees planted in Kenya. (3mks)

c) State four ways in which the clearing of the forests has affected the natural environment in Kenya. (4mks)

d) Explain three challenges experienced in the exploitation of tropical hardwood forests. (6mks)

e) Give the differences in the exploitation of softwood forests in Kenya and Canada under the following sub-headings

 i) Period of harvesting. (2mks)

 ii) Distribution of softwood. (2mks)

8 (a) State three physical conditions that favor tea farming in Kenya. (3mks)

(b) Describe the cultivation of tea till it is ready for harvesting. (6marks)

(c) Explain five problems facing tea farming in Kenya. (10mks)

(d) Your class visited a sugar factory for a field study on sugar processing.

 (i) Outline four stages of tea processing that the class may have observed.(4mks)

 (ii) Give two ways in which tea is marketed in Kenya. (2mks)

9.a. i)What is mining. (2marks)

 ii)State three effects of opencast mining on the environment. (3marks)

 b) Describe how deep shaft mining is carried out. (4marks)

 c) Explain four significance of trona mining to the economy of Kenya. (8marks)

 d)Explain four problems facing the mining industry in Kenya. (8marks)

10.a) i) Define the term transhumance. (2 mks)

 ii)State four characteristics of nomadic pastoralism. (4 mks)

 b)i) Name three dairy breeds kept in Kenya. (3 mks)

 ii) Explain four conditions favouring dairy farming in the Kenya highlands. (8 mks)

 c)i) State four limitation of beef farming in Kenya. (4 mks)

 ii) Give four similarities between beef farming in Kenya and Argentina. (4 mks)