**OPENER EXAMINATION: TERM 2 2024**

**GEOGRAPHY**

**FORM 4**

**TIME: 2 ¾ HOURS**

**NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ADM: \_\_\_\_\_\_\_\_ CLASS: \_\_\_\_\_\_\_\_\_**

1. a) Define a mineral. (2 marks)

b.) State three benefits of oil mining to the Kenyan economy. (3mks)

2. a.) What is mining? (2marks)

b. Fill in the table below. (3mks)

|  |  |  |  |
| --- | --- | --- | --- |
| **Mineral** | **Country** | **Area Mined** | **Mining Method** |
| Diamond | Tanzania |  |  |
| Soda Ash | Kenya |  |  |
| Copper | Uganda |  |  |

3.a.) Name two uses of soda ash. (2mks)

b.) State three ways in which coal contributes to the economy of Zimbabwe. (3 marks)

4. a.) Give two reasons why hardwood tree species in Kenya are in danger of extinction. (2mks)

b.) State three factors that influence exploitation of minerals. (3mks)

5. a.) Name two exotic species of trees planted in Kenya. (2mks)

b.) State three reasons why it is necessary to carry out afforestation programmes in Kenya. (3mks)

**SECTION B**

**6 Answer Question 6 and any other TWO.**

|  |  |  |  |
| --- | --- | --- | --- |
| **Imports in Tonnes** | | **Exports in Tonnes** | |
| **Item** | **Weight** | **Item** | **Weight** |
| Sugar | 99,000 | Coffee | 316,000 |
| Fertilizer | 84,000 | Maize | 259,000 |
| Wheat | 125,000 | Cement | 225,000 |
| Iron and Steel | 300,000 | Tea | 159,000 |
| Coal | 105,000 | Soda Ash | 150,000 |
| Total | 713,000 |  | 1,109,000 |

1. Using the radius of 4cm, draw a pie- chart to represent the data on imports shown in the table above. (10 mks)
2. Explain why Kenya imports wheat and yet she is a producer of the same commodity. (5 mks)
3. Use the table below to draw a Comparative/ combined/ grouped line graph. (6mks)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Cash crops  000 tonnes | 1986 | 1987 | 1988 | 1989 | 1990 |
| Coffee | 126 | 100 | 91 | 98 | 114 |
| Tea | 116 | 135 | 138 | 163 | 166 |
| Sisal | 32 | 23 | 31 | 30 | 30 |

ii. Interpret your data representation. (2mks)

iii. State two disadvantages of using a combined line graph. (2mks).

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

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

iii.) State five factors that have led to the reduction of the area under forests on the slopes of Mt. Kenya. (5mks)

b.) Explain four measures that the government of Kenya is taking to conserve forests in the country. (8mks).

c.) Give the differences in the exploitation of the softwood forests in Kenya and Canada under the following

i)periods of harvesting 2mks

ii)transportation (2mks)

8.a(i)define the term land dereliction (2mks)

(ii)name two minerals mined using panning metthed (2mks)

b) describe thefollowing methods of mining;

i)solution methods (5mks)

ii)stripping methods (4mks)

c) i)describe the processing of Gold (5mks)

-ii)name two areas in south Africa where diamond is mined (2mks)

iii)describe how oil is extracted (5mks)

9.a i.What is Agriculture 2mks

ii.State 7 characteristics of a plantation 7mks

b.Explain 4 problems facing tea farmers in Kenya 8mks

c.Describe the cultivation of sugarcane 6 mks

1. Give any two main wheat growing areas in Canada 2mks

10.a What is livestock farming 2mks

b. Explain 4 factors influencing nomadic pastoralism 8mks

c. Give measures taken by the government to improve dairy farming 5mks

1. Explain the differences in dairy farming between kenya and Denmark 8mks
2. Give any two characteristics of ranching 2mks