**312/2**

**GEOGRAPHY PAPER 2**

**FORM FOUR EXAMINATION**

**JULY/AUGUST 2024**

**Instructions: This paper contains two section And B**

**Answer all questions in section A and any two questions from section B**

1. (a) i) Apart from geothermal power, name three other renewable sources of energy in Kenya (3Marks)

 ii. State two factors that limit exploitation of geothermal power in Kenya (2Marks)

2. (a) Give **four** advantages of air transport over water transport. (4Marks)

(b.) Name three types of communication. (3Marks)

**3** (a) Name two tourist attraction found in Kenyan Rift Valley**. (3Marks)**

 (b) State three factors that hinder domestic tourism in Kenya. (3Mark)

4.(a) What are floods? (2Marks)

 (b) Mention two advantages of farrow irrigation. (2 Marks)

 (c) Name one river which causes large scale flooding in Kenya. (1 Mark)

5. (ii) Name three major imports from Europe to Kenya (2Marks)

(b) State four factors that influence internal trade in Kenya (3Marks)

**SECTION B**

**Answer question 6 and any other questions from this section**

1. The table below shows total number of livestock in Kenya in 2012

|  |  |
| --- | --- |
| Type of livestock | Number in millions |
| Dairy cattleSheepGoatsPigs | 2.47.07.28.5 |
| Total | 25.1 |

 Source: Central Bureau of Statistics

1. Draw a divided rectangle 15 cm to represent the data give above 7Marks

(b) Explain why the population of sheep is higher than that of dairy cattle 2Marks

(c) Explain four ways in which the government of Kenya assist nomadic pastoralist to improve the quality of their livestock 4Marks

1. Explain three factors that favour beef farming in Argentina. 3Marks

7. (a) (i) What is rural settlement? (2 Marks)

 (ii)State three characteristics of rural settlements. (3 Marks)

 (b) Explain three factors that led to the growth of Kisumu (6 Marks)

 (c) Explain how the following problems facing Kisumu can be solved.

 (i) Pollution (2 Marks)

 (ii) Crime (2 Marks)

 (iii) Unemployment (2 Marks)

 (d) Explain how Rotterdam port differs from Mombasa port (8 Marks)

8 a) i). Differentiate between indigenous and exotic forests. (2Marks)

 (ii) Name two exotic hardwood trees species found in Kenya (2Marks)

iii). State three factors that lead to depletion of forests in Kenya. (3Marks)

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

**c).** Compare forestry in Kenya and Canada under the following headings;

 i). Mode of exploitation (2Marks)

ii). Transport (2Marks)

d). i). State three factors favouring the development of softwood forests in Canada (3Marks)

 ii). Give four measures used to conserve forests in Kenya. (4Marks)

9.a) i) Name two Methods of Land reclamation (2Marks)

 ii) Name two Methods of swamp drainage (2Mark)

b) i) Give two rivers that supply water to Mwea irrigation scheme  2Marks

 ii) Explain how the following factors influence establishment of Mwea

 irrigation scheme

 (i). Topography 2Marks

 (ii). Soils 2Marks

 (iii). Population 2Marks

 (iv). Government policy 2Marks

c) i) Identify three areas of Zuider zee project takes place. 3Mark

 ii) Explain four differences between land reclamation in Kenya and

 Netherlands. (8Marks)

10. (a)(i)Name the substances marked L,M,N in the diagram below (3Marks)

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L-

M-

N-**(3 Marks)**

(ii). Give three by-products obtained when crude oil is refined (3Marks)

(b). State five effects of mining on the environment (5Marks)

(c )(i)Describe the stages involved in the processing of Trona from lake Magadi (6Marks)

 (ii) Explain four Ways in which Kenya has been profited from the mining of Trona on lake Magadi (8Marks