**NAME\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_CLASS\_\_\_\_\_\_\_\_ADM No.\_\_\_\_\_\_\_\_\_\_\_\_**

**END OF TERM ONE 2024 EXAMINATIONS**

**GEOGRAPHY FORM THREE**

**TIME: 2 Hrs. 30 mins**

**INSTRUCTIONS TO CANDIDATES**

1. **Write your name and admission number in the spaces provided at the top of the page\**
2. **Answer all the questions in section A. In section B answer question 6 and any other two questions from this section.**
3. **All answers must be written in the answer booklet provided.**
4. **This paper consists of 5 printed pages.**
5. **Candidates should check the question paper to ascertain that all the pages are printed as indicated and that no question is missing.**

|  |  |  |
| --- | --- | --- |
|  | **MAXIMUM SCORE** | **CANDIDATE’S SCORE** |
| **SECTION A** | **25** |  |
| **QUESTION 6** | **25** |  |
|  | **25** |  |
|  | **25** |  |
| **TOTAL** | **100** |  |

***SECTION A: Answer all the questions in this section***

1.a) Name the biggest planet in the solar system. **(1mark)**

b) State **four** characteristics of the core. **(4mks)**

2.a) **Differentiate** between the terms Environment and Ecology. **(2 marks)**

 b) State **three** sub-branches of human geography. **(3 marks)**

3.a) State three causes of earth movements. **(3 marks)**

b) Name **two** main earthquake zones in the world. **(2 marks)**

4.a) Outline **three** ways Geography is related to Agriculture **(3 marks)**

 b) State **two** areas of study of practical geography**. (2 marks)**

5.a) **Differentiate** between weathering and mass wasting **(2 marks)**

 b) Apart from plants give **three** other factors that influence the rate of weathering**. (3 marks)**

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

6.Study the map of Mumias sheet index no. 101/2 provided and answer the following questions

1. (i) Give the six-figure grid reference of the trigonometrical station I0I T 6 to the northern part of the map extract. **(2marks)**

 (ii) Identify **three** man-made features in the grid square **6541** **(3marks)**

 (iii) Identify the adjoining sheet to the North –East of Mumias map **(1mark)**

1. Draw a cross section from Easting 60 along Northing 30 up to the end of the map. (Grid reference 600300 to 669300). **(4 marks)**

On the cross section, mark and label the following

* Dry weather road **(1 mark)**
* River **(1mark)**
* Papyrus swamp vegetation **(1mark)**
1. i) Describe the drainage of the area covered by the map. **(5 marks)**

(ii) Describe the relief of the area covered by the map. **(4marks)**

1. Citing evidence from the map, identify **three** social services found in the area covered by the map. **(3marks)**

7.a) (i) Name **three** minerals mined through placer method **(3 marks)**

(ii) Name **Three** Diamond mining areas in South Africa. **(3 marks)**

iii) State **three** ways in which mining derelicts can be reclaimed(3Marks)

b) Explain **four** ways in which mining promotes industrialization in Kenya. **(8 marks)**

1. Explain **Four** Problems facing the mining industry in Kenya. **(8 Marks)**

8.a) i) Differentiate between a watershed and a confluence. **(2 marks)**

ii) Describe **two** processes though which a river erodes its channel. **(4 marks)**

b) The diagram below shows a water fall. Use it to answer question (b) (i)



1. Name the parts marked **Q, R** and **S.** (3mks)
2. Explain **two** causes of river rejuvenation. **(4marks)**
3. Name **two** features resulting from river rejuvenation. **(2marks)**

c) Using well –labeled diagrams, describe how an ox-bow lake is formed. **(6marks)**

d) Your Geography class intends to carry out a field study on an ox-bow lake a long river Tana. Give **four** reasons for dividing the class into groups. **(4marks)**

9.(a) Name **three** areas where Mountain forests are found in Kenya. **(3 Marks)**

 b) i) Give **Five** Characteristics of Mountain Forests **(5 Marks)**

ii) What is Agro Forestry? **(2 Marks)**

iii) Give **five** reasons why Agro-forestry is encouraged in Kenya. (**5 Marks)**

c)Explain **four** Biotic factors that influence distribution of forests. **(8 Marks)**

1. Name **two** forest reserves found in Coastal region of Kenya. **(2 Marks)**

10.a) (i) Define the term faulting. **(2marks)**

(ii) Name **three** featured formed as a result of faulting. **(3marks)**

b) i) State **three** characteristics of the Gregory Rift Valley. **(3marks)**

(ii) Give **three** theories that explain the origin of the Rift Valley. **(3marks)**

(iii) Explain **four** ways in which faulting influence drainage. **(8marks)**

c) A form 4 geography class of Mwarano Secondary School carried out a field study on the section of the Rift Valley in Kenya.

 (i) State **three** preparations they had before the study. **(3marks)**

 (ii) State **three** ways of data recording activities used during the study. **(3marks)**