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

**INDEX. NUMBER……………………………………….. SIGNATURE…………………………………**

**LANJET PRE MOCK CLUSTER JOINT EVALUATION**

***Kenya Certificate of Secondary Education***

**312/1 GEOGRAPHY Paper 1**

**MARCH/APRIL 2024**

**TIME: 2 HOURS 45 MINUTES**

**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.*
* *All the answers must be written on the foolscaps provided/attached after page 4.*
* *Candidates must answer the questions* ***in English****.*

**FOR EXAMINER’S USE ONLY**

|  |  |  |  |
| --- | --- | --- | --- |
| **Section** | **Questions** | **Maximum****Score** | **Candidate’s****Score** |
| **A** | **1 - 5** | **25** |  |
| **B** | **6** | **25** |  |
|  | **25** |  |
|  | **25** |  |
| **Total Score** |  |

***This paper consists of 3 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**

 1aDefine the term environment 2mks

b. Name two divisions of physical geography 3mks

2.a Give the forces responsible for the spherical shape of the earth 2mks

b. State reasons why the interior of the earth is still hot 3mks

3 a.highlight the characteristics of the troposphere 2mks

b.state the factors that influence the amount of sunshine received on the earths surface 3mks

4 a what is zero lapse rate 2mks

b. give the main zones of the atmosphere 3mks

5a.Give two types of igneous rocks 2mks

 b.State any 3 uses of rocks 3mks

**SECTION B**

**ANSWER QUESTION 6 AND ANY OTHER TWO IN THIS SECTION**

Study the map of MUMIAS provided and answer the following questions

a. i .What is the magnetic variation of the map 2mks

ii. Name the tittle of the map 2mks

iii.Give any 4 types of natural vegetation found in the area covered by the map 4mks

b.Citting evidence from the map give any 2 economic activities taking place in the area covered by the map 4mks

d. citing evidence from the area covered by the map,give any 3 functions of Mumias town 6mks

e.Describe the Drainage of the area covered by the map 7mks

7a.i.Define a lake 2mks

ii. State reasons why some lakes are salty 4mks

b.Explain the formation of a lake by faulting 6mks

c.Explain any 4 negative effects of human activitie on lakes 8mks

D. Identify the significance of lakes 5mks

8 a.Differentiate between magma and lava**.** 2mks

.The diagram below shows some festures of vulcanicity



i Identify the features marked C,D and E 3mks

(ii) Give three examples of the feature marked F in Kenya**.** 3mk**s**

b.Describe how a lava plateau is formed 7mks

c.Explain the positive significance of vulcanicity to man 10mks

9.a What is weathering 2mks

b.Explain how the following factors affect weathering 6mks

i Nature of parent rock

ii.plants

iii.rock texture

c.Describe how exfoliation process occurs 7mks

d. suppose you are to carry a field study on weathering

i state three objectives you would formulate for the study 3mks

ii.Give three methods you would use to record data 3mks

iii.identify any problems you are likely to face during the field study 4mks+

10.a i What is glaciation 2mks

Ii Describe the formation of glacier 7mks

b.Explain 3 types of moraine 6mks

c. Explain any 3 conditions that lead to glacial deposition 6mks

d. identify 4 positive significance of glaciation 4mks