**312/2 ─GEOGRAPHY─ Paper 2**

**TIME: 2 Hrs 45Mins**

**DECEMBER, 2021**

**SAMIA SUB-COUNTY JOINT EXAMINATION**

**Kenya Certificate of Secondary Education**

Name:…………………………………..…………… Index No ………………..……

Candidate’s Signature………………………………. Adm. NO. …………………….

School:………………………………………………. Stream:……………………..

Instructions to candidates

1. ***Write your Name and Index Number in the spaces provided above,***
2. ***Sign and Write the Admission number in the spaces provided above;***
3. ***This paper consists of two Sections; A and B.***
4. ***Answer all the questions in Section A.***
5. ***Answer question6 and any other two questions from Section B.***
6. ***Answers must be written in the spaces provided at the end of question 10.***
7. ***This paper consists of 4 printed pages,***
8. ***Candidates should check the question paper to ascertain that all the pages are printed as indicated and that no questions are missing.***
9. ***Candidates should answer the questions in English.***

For Examiner’s use only

|  |  |  |  |
| --- | --- | --- | --- |
| **Section** | **Question** | **Maximum score** | **Candidate’s score** |
| **A** | 1 – 5 | 25 |  |
| **B** | 6 | 25 |  |
|  | 25 |  |
|  | 25 |  |
| TOTAL SCORE | |  |  |

**SECTION A (25 MARKS)**

**ANSWER ALL THE QUESTIONS IN THIS SECTION**

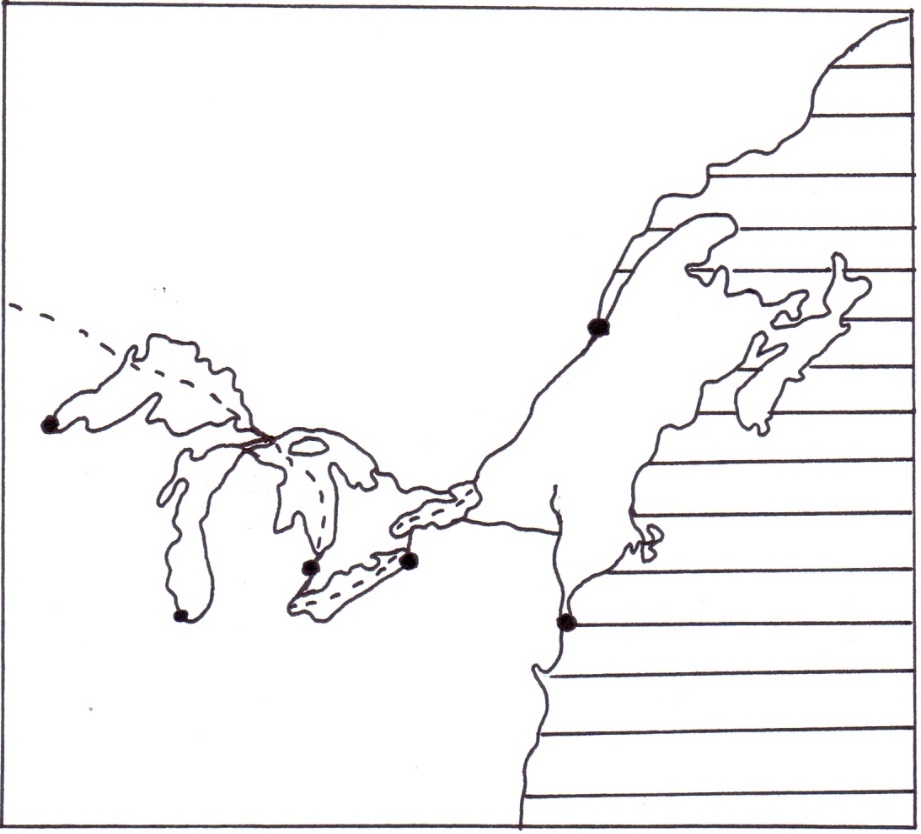
1.a). Define the term energy crisis (2mks)

b) State **three** limitations of using solar energy (3mks)

2. a)Give **two** problems facing river transport in African. (2 marks)

(b)The diagram below shows the Great Lakes and the St. Lawrence sea way.

Use it to answer the questions below.



**R**

**Q**

**CANADA**

**U.S.A**

**Lake Huron**

**River St. Lawrence**

**River Hudson**

**Atlantic Ocean**

**New York**

**Quebec**

**Chicago**

**M**

Name the lakes **M**, **Q** and **R**. (3mks)

3. a) Apart from tropical hardwood forests name two other types of natural forests (2mks)

b) State **three** problems experienced in exploitation of tropical hardwood forests (3mks)

4. a) Give **three** physical factors that favour coffee growing in Kenya highlands (3mks)

b) State **two** problems facing coffee farming in Kenya (2mks)

5. a) Give **three** types of fish (3mks)

b) List **two** traditional methods of fishing (2mks)

**SECTION B**

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

6. The table below shows crops production in Kenya for a period of five years in 1000 kilograms. Use it to answer question (a)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| CROP/YEAR | 2005 | 2006 | 2007 | 2008 | 2009 |
| Coffee | 1000 | 900 | 800 | 700 | 800 |
| Tea | 700 | 700 | 600 | 680 | 600 |
| Cotton | 500 | 400 | 300 | 600 | 350 |
| Pyrethrum | 300 | 200 | 300 | 440 | 450 |

(a) (i) Using a scale of 1 cm represent 200 kilograms present the above data using a compound bar graph. (9 marks)

(ii) List **two** advantages of using a compound bar graph to represent statistical data. (2mks)

(b)(i)Other than Ghana, name other two countries West Africa where cocoa is grown (2mks)

(ii) State **three** physical conditions that favor the growth of cocoa in Ghana. (3mks)

(c) Describe how cocoa is processed in Ghana (6mks)

(d)Give **three** importance of cocoa production to the economy of Ghana.(3mks)

7 . Study the photograph shown below and use it to answer the following questions.



a) i) Identify the type of the photograph shown above. (1mks)

ii) Identify **two** characteristic of the photograph shown above. (2mks)

iii) Give **three** parts of a photograph. (3mks)

b) Name the type of mining method shown above. (1mks)

c) Explain how the method named above (b) is carried out. (6mks)

d) Explain **four** negative effects of the above method of mining on the environment. (8mks)

e) Draw a sketch diagram to represent the photograph shown above. (4mks)

1. a) (i) Define the term land rehabilitation (2 marks)

ii) Apart from irrigation, name ***three*** other methods of land reclamation in Kenya. (3 marks)

b) Explain ***three*** problems facing irrigation farming in Kenya. (6 marks) c) Describe the stages of polderization in the Netherlands (5 marks)

d) You intend to carry out a field study on irrigation farming in Mwea Tebere irrigation scheme

i)Identify the **two** types of hypothesis you would develop for the study (2mks)

ii) Name **five** crops grown in the scheme that you are likely to identify (5mks)

iii) Give **two** reasons why you need to sample the area of study (2mks)

1. (a) i) Define the term industrial inertia (2mks)

ii) **Give three** causes of industrial inertia (3mks)

b) Name **three** agricultural non-food processing industries in Kenya (3mks)

c) i) What is cottage industry (2mks)

ii) List **four** ways in which Jua Kali industries is important to the Kenyan economy (4mks)

d) i) **State three** problems facing cottage industry in India (3mks)

ii) Explain **four** factors that led to the development of iron and steel industry in the Ruhr region of Germany (8mks)

1. a) i)What is environmental management (2mks)

ii) Give **four** reasons why it is necessary for Kenya to conserve her environment (4mks)

b) Explain **four** measures that can be taken to combat pollution (8mks)

c) i) Name **five** types of wastes found in urban areas (5mks)ii) Explain three ways in which wastes in urban centres can be managed (6mks)