Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Adm No: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

School:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Candidate’s Sign\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**312/2**

**GEOGRAPHY**

**Paper 2**

**MARCH/APRIL, 2023.**

**Time: 2 ¾ Hours**

**ARISE AND SHINE TRIAL EXAMS**

**Kenya Certificate of Secondary Education (K.C.S.E)**

**Instructions to Candidates:**

1. This paper has two sections: A and B.
2. Answer all questions in section A
3. Answer question 6 and any two other questions from section B.
4. This paper consist of 5 printed pages
5. Candidates should check the question paper to ascertain that all the pages are printed as indicated and that no questions are missing
6. Candidates should answer the questions in English

***FOR EXAMINER’S USE ONLY***

SECTION A

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Question number | 1 | 2 | 3 | 4 | 5 | Sub total |
|  Marks |  |  |  |  |  |  |

 Grand total

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Question number | 6 | 7 | 8 | 9 | 10 | Sub total |
| Marks |  |  |  |  |  |  |

**SECTION A.**

***Answer All the Questions in the Section***

1. (a) Name **two** provinces in Canada where wheat is grown in large scales. (2 marks)

(b) List **three** economic factors that influence agriculture. (3 marks)

1. (a) Name **two** horticultural crops grown in Kenya. (2 marks)

(b) State **three** reasons why horticulture is more developed in the Netherlands than in Kenya. (3 marks)

1. (a) State **three** reasons why marine fisheries in Kenya are underdeveloped. (3 marks)

(b) State **three** ways through which fish farming contributes to the economy of Kenya. (3 marks)

1. (a) Differentiate between transport and communication. (2 marks)

(b) State **three** modern means of communication used in Kenya besides cellphones. (3 marks)

1. The table below represents information on population change in Kenya by region between years 2000 and 2005.

|  |  |
| --- | --- |
| **Region** | **Population in Millions** |
| **Years** |
| **2000** | **2005** |
| Nairobi  | 2.229 | 2.751 |
| Central  | 3.882 | 4.038 |
| Coast  | 2.662 | 2.927 |
| Eastern  | 4.840 | 5.120 |
| North-Eastern | 1.054 | 1.438 |
| Nyanza | 4.598 | 4.916 |
| Rift-Valley  | 7.386 | 8.366 |
| Western  | 5.532 | 3.885 |
| **Total**  | **30.183** | **33.441** |

(a) Which region had the highest change in population between 2000 and 2005? (2 marks)

(b) Calculate the percentage increase in population in Kenya between 2000 and 2005. (2 marks)

**SECTION B**

***Answer Question 6 and any other two questions from this section.***

1. Study the photograph below and use it to answer question (a).



1. (i) Name the type of photograph shown. (1 mark)

(ii) Draw a rectangle measuring 15cm by 10cm to represent the area of the photograph. (1 mark)

(iii) On the rectangle, draw a sketch of the photograph and label three physical features. (3 marks)

(iv) Explain **two** physical conditions that would discourage setting up of a game park in the area shown on the photograph. (4 marks)

1. Apart from national parks, outline **four** other ways in which wildlife is conserved in Kenya. (4 marks)
2. Give **four** reasons why domestic tourism is being encouraged in Kenya. (4 marks)
3. Explain **four** factors which make switzerland receive more tourists than Kenya. (8 marks)
4. (a) (i) What is forestry? (2 marks)

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

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

1. Explain **four** measures that the govrnment of Kenya is taking to conserve forests in the country. (8 marks)
2. Give the differences in the exploitation of softwood forests in Kenya and Canada under the following sub-headings:
3. Period of harvesting (2 marks)
4. Transportation (2 marks)

1. (a) The map below shows some major tea growing areas in Kenya.



1. Name the areas marked W, X and Y. (3 marks)
2. State **four** physical conditions that favour tea growing in Kenya. (4 marks)

(b) The table below shows tea production in Kenya for two years.

|  |  |
| --- | --- |
| Years  | Tea Produced (in tonnes) |
| 19751985 |  56,000137,000 |

1. Calculate the percentage increase in tea production over the ten years period between 1975 and 1985. (2 marks)
2. Give **two** reasons why there was such an increase in tea production over the given period. (2 marks)

(c) Describe the stages through which tea is processed from picking to the time its ready for marketing. (6 marks)

(d) Explain **four** problems experienced in small scale farming in Kenya. (8 marks)

1. A map of East Africa showing minerals distribution.



Use the map of East Africa above to answer question (a).

1. (i) Name the mineral mined at points A, B, C, D. (4 marks)

(ii) Give **three**  by products obtained when crude oil is refined. (3 marks)

1. (i) Explain how trona is processed after reaching the factory. (7 marks)

(ii) List **three** uses of soda ash. (3 marks)

1. Explain **four** effects of the rising prices of crude oil in the economy of Kenya. (8 marks)
2. (a) (i) Apart from water and air pollution, name **two** other types of pollution. (2 marks)

 (ii) Identify **three** ways through which water is polluted (3 marks)

 (iii) Explain **three** effects of air pollution on the environment. (6 marks)

(b) (i) Explain **three** factors that lead to frequent flooding in the lake region of Kenya. (6 marks)

 (ii) Explain **two**  ways through which floods are controlled in the lake region of Kenya. (4 marks)

(c) State **four** effects of wind as an environmental hazard in Kenya. (4 marks)