GEOGRAPHY

THE KENYA CERTIFICATE OF SECONDARY EDUCATION

KCSE 2023 EXAMINER SUPER PREDICTION

A KCSE 2023 PREDICTION WITH PRECISION

This PDF Comprises of Expected KCSE 2023 Questions prepared by a panel of top KNEC writers. All the KCSE 2023 Candidates are advised to take the prediction questions therein seriously!

For Marking Schemes Contact

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Confidential!!!

Kenya Educators Consultancy Wishes all the KCSE 2023 Candidates the best of Luck ahead of the KCSE National Exams.

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THE KENYA CERTIFICATE OF SECONDARY EDUCATION

KCSE 2023 EXAMINER SUPER PREDICTION

312/1 GEOGRAPHY

PAPER 1

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

Class: …………………………………………… **Candidate's Sign**: ………………

Date: …………………………………………………

321/1

GEOGRAPHY

PAPER 1

2 ¾ HOURS

INSTRUCTIONS TO CANDIDATES

1 *Write your name and admission number in the space provided above.*

2 *This paper has two sections A and B answer all questions in Section A.*

3 *Answer question 6 and any other two questions from section B.*

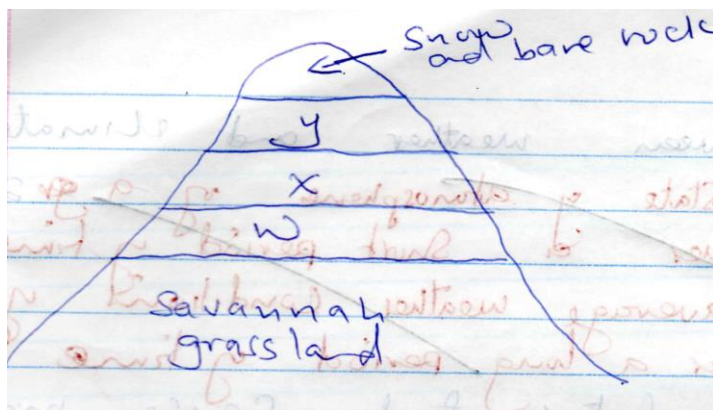**4** *Candidates should answer the questions in English.*

FOR EXAMINERS USE ONLY

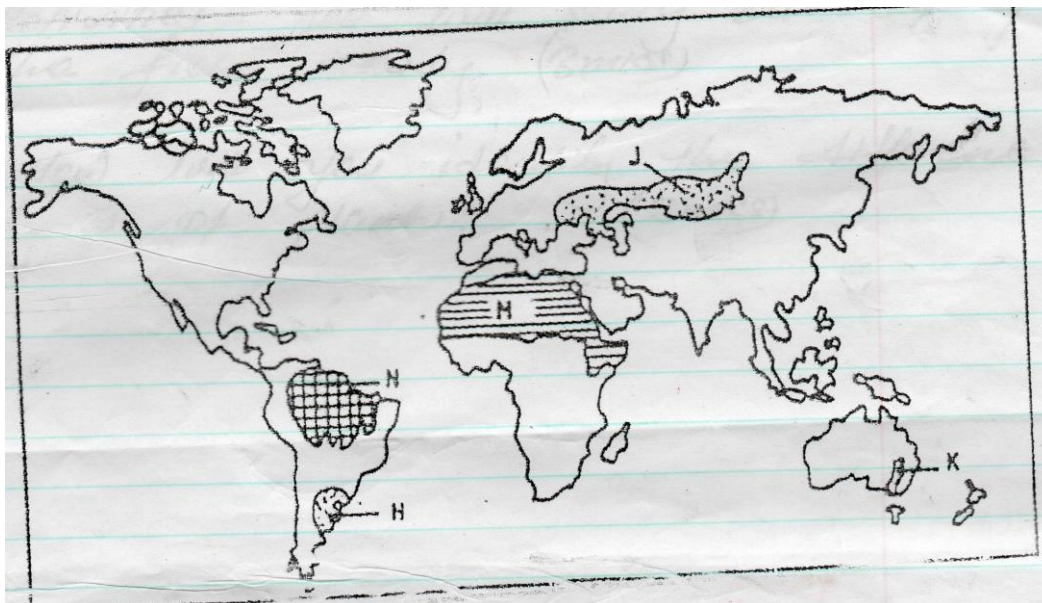| SECTION	QUESTIONS	MAXIMUM SCORE	CANDIDATES SCORE
A	1-5	25	
B		25	
		25	
		25	
		TOTAL SCORE	

SECTION A

1. (a) Differentiate between weather and climate. (2 mks)

    (b) State three factors that cause inaccuracy of recording data in a schools weather station. (3 mks)

2. (a) What is folding (2 mks)

    (b) State three factors that influence folding. (3 mks)

3. The diagram below shows arrangement of vegetation on a mountain .

    (a) Identify the vegetation zones marked. (3 mks)

         W-

          X-

          Y-

    (b) Give reasons why mountain tops have no vegetation. (2 mks)

4. (a) Define the term soil. (2 mks)

    (b) State three factors that determine colour of the soil. (3 mks)

5. (a) Name two features due to wind erosion in the desert. (2 mks)

    (b) State three factors influencing wind erosion in the deserts. (3mks)
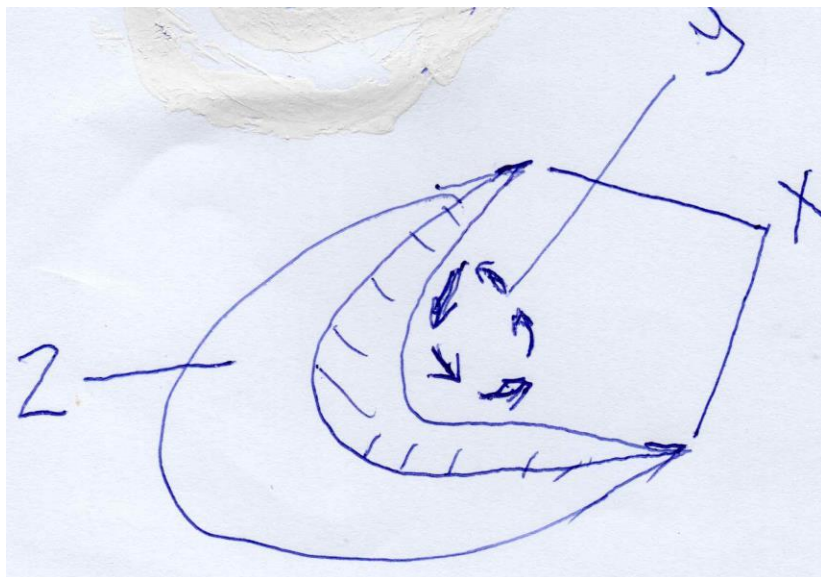
SECTION B

6.   Study the map of YIMBO 1:50,000(sheet 115/1) provided answer the following questions.

      a.)   i.) Convert the representative fraction scale given on the map to a statement scale
                                                                                          (2 mks)

              ii.)Identify three Districts that are covered by the Yimbo map   (3 mks)

      b.)   i.) Give the exact height of Usengi hill   (1 mk)

              ii.) with evidence from the map, give any two social services that are
                 offered in the area covered by the map   (2 mks)

      c.)   i.) Using a scale of 1 cm represents 20 m, draw a cross section from
                 grid reference 320790 to grid reference 390790   (4 mks)

              ii.) On the cross section, mark and name the following:-
- A lake   (1 mk)
- Main track (motorable)   (1 mk)
- A river   (1 mk)

      d.)   i.) Describe the relief of the area covered by the map   (4 mks)

              ii.) Explain three factors that have influenced settlement in the area
                 covered by the map   (6 mks)

7.   The map below shows some vegetation of the world. Use it to answer (a) to (c)

a) Name the temperate grasslands marked H, J and K (3mks)

b) Describe the characteristics of the natural vegetation found in the shaded area marked N. (6 mks)

c) (i) Explain four ways which the vegetation found in the area marked M adopts to the environmental conditions of the region. (8 mks)

   (ii) Give two reasons why the Tundra region has scanty vegetation. (2 mks)

d) You are required to carry out a field study of the vegetation within the local environment.

   (i) Apart from identifying the different types of plants, state three other activities you will carry out during the field study. (3 mks)

   (ii) How will you identify the different types of plants? (3 mks)

8. (a) (i) Define the term glacier (2 mks)

   (ii) State three ways in which glacier moves. (3 mks)

   (b) (i) Describe the following processes of glacier erosion.

           Abrasion (3 mks)

           Plucking (3 mks)

   c) Describe how a pyramidal peak is formed. (6 mks)

d) Explain four positive effects of glaciations in the lowland areas. (8 mks)

9. a) i) Differentiate between weathering and mass wasting. (2 mks)

   ii) Give four factors that influence the rate of weathering. (4 mks)

   iii) Name four processes of mechanical weathering. (4 mks)

   b) Explain how the following contribute to biological weathering.

      - Animals (2 mks)
      - Man (2 mks)

   c) i) What is mass movement? (2 mks)

   ii) Give three types of rapid mass movement. (3 mks)

   d) Explain three positive effects of weathering on human activities. (6 mks)

10. (a) i) Name three types of desert surfaces (3 mks)

    ii) Explain three ways in which wind transports materials in the deserts. (6 mks)

   (b) The diagram below represents a barchans. Use it to answer the question (3mks)

X--

Y--

Z--

(c) By aid of well labelled diagram, describe how the rock pedestal is formed.　　　(5 mks)

(d) Explain four ways in which desert features are of significance to human activities. (8 mks)

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KCSE 2023 EXAMINER SUPER PREDICTION

312/2 GEOGRAPHY

PAPER 2

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

Class: ………………………………………… **Candidate's Sign**: ………………

Date: …………………………………………………

Instructions to candidates.

(a*) Write your name and index number in the spaces provided above.*

(b) Sign and write the date of the examination in the spaces provided above.

(c) This paper consist of two sections; A and B.

(d) Answer all the questions in section A and question 6 and any other two questions in section B.

(e) Answer all the questions in English.

SECTION	QUESTIONS	MAXIMUM SCORE	CANDIDATE'S SCORE
A	1-5	25	
B	6	25	
		25	
		25	
	TOTAL SCORE		

SECTION A. Answer all the questions.

1. a) Give any two ways in which minerals occur. (2 mks)

   b) State three problems facing soda ash exploitation in Magadi. (3 mks)

2. a) Define the term agroforestry. (2 mks)

   b) State three reasons why agroforestry is being encouraged in Kenya. (3 mks)

3. a) Apart from land pollution name two other types of environmental hazards. (2mks)

   b) State three ways through which land pollution can be controlled. (3 mks) (3mks

4. (a) Apart from a telephone, state two other forms of communication (2mks)

   (b) Mention three problems facing railway transport in Africa (3mks)

5. a) Apart from the common market for Eastern and southern Africa (COMESA) identify two other trading blocks in Africa. (2 mks)

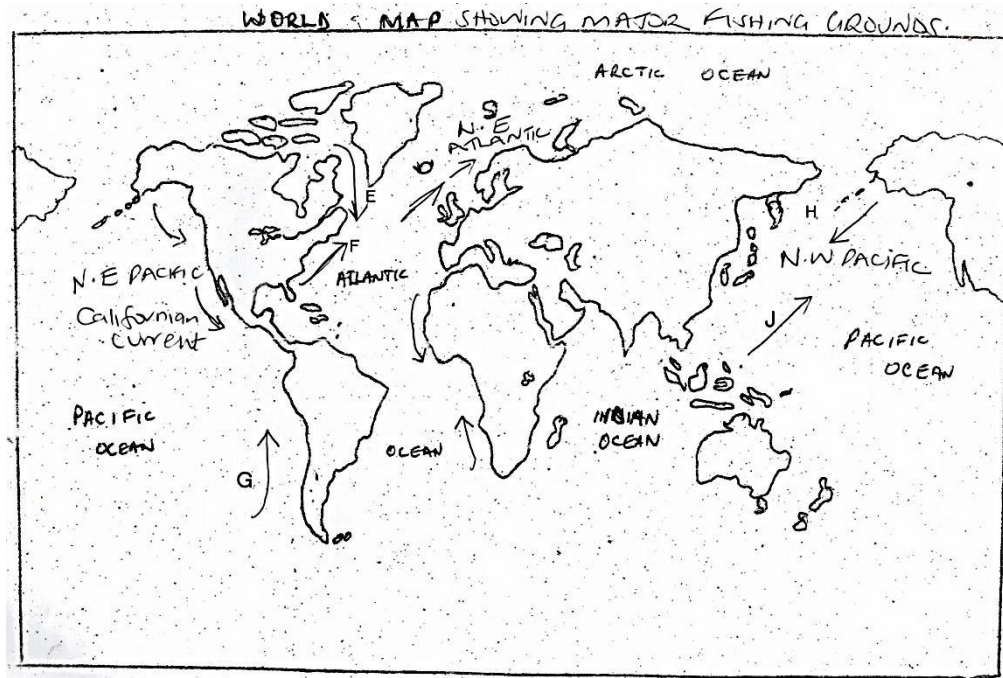   b) Give three benefits of COMESA to member states. (3 mks)

SECTION B. *Answer question 6 compulsory and only other two questions from the remaining questions.*

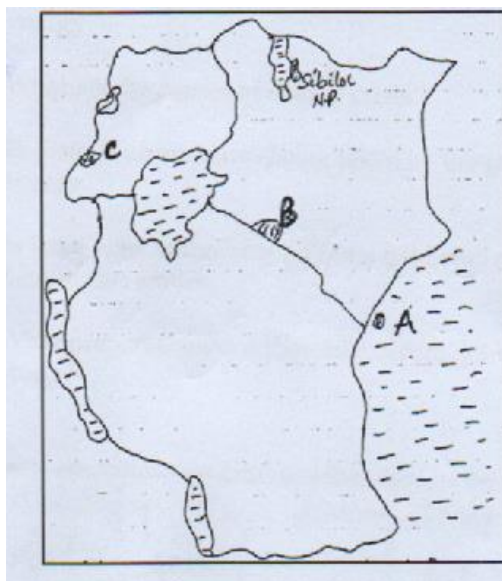**6.** Study the photograph below and answer questions that follow

317083   Turn over

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

(ii) Draw a rectangle measuring 15cm by 10cm to represent the area covered

by the Photograph (1 mk)

(iii) On the rectangle, sketch and label four main features (4 mks)

b) (i) Which type of farming is shown on the photograph (1 mk)

(ii) Give three physical conditions favouring tea farming in Kenya (3 mks)

(iii) Describe the stages of tea processing (5 mks)

c) (i) State two areas in Kenya where maize is grown on large – scale (2 mks)

(ii) Explain four problems facing maize farmers in Kenya (8 mks)

7. a) Differentiate between Land Reclamation and Rehabilitation. (2 mks)
   b) Give three methods used to reclaim land in Kenya. (3mks)
   c) i) State two methods that are used to control tse tse fly in Kenya. (2 mks)
   ii) Explain three benefits of perkerra irrigation scheme. (6 mks)
   d) i) What is a polder? (2 mks)
   ii) Name two crops grown in the polders. (2 mks)
   iii) Outline the stages through which land is reclaimed from the sea in the
   Netherlands. (8 mks)

8. a) i) Differentiate between fishing and fisheries.   (2 mks)
        ii) State two categories of fish.   (2 mks)
    b) Apart from Trawling, name two other methods of fishing.   (2 mks)
    c) Explain four problems experienced by Kenyan fishermen in Lake Victoria. (8 mks)
    d) The world map below shows major fishing grounds.

    Use it to answer the following questions.
        i)   Name the ocean currents marked: (5 mks)
             E –
             F –
             G –
             H –
             J –

        ii) Explain three factors that favour fishing in Japan.   (6 mks)

9. a) i) Define wildlife.   (2 mks)

        ii) Distinguish between a game sanctuary and a game ranch.   (4 mks)

    b) Study the following map of East Africa and answer the questions below.

4

i) Name national parks marked A, B and C. (3 mks)

ii) Explain four factors showing the future of tourism industry in Kenya. (8 mks)

iii) Explain how the following factors influence wildlife.

✓ Vegetation. (4 mks)

✓ Altitude. (4 mks)

10. a) i) What is energy conservation? (2 mks)

ii) Identify three non-renewable sources of energy. (3 mks)

iii) State three advantages of Hydroelectric power as a source of energy. (3 mks)

b) i) What are the causes of energy crisis? (4 mks)

ii) Explain four measures being taken by the government to conserve energy. (8 mks)

c) Students from your school carried out a field at Olkaria Geothermal Power Generation station.

i) What preparations did they take before going out for the field study. (3 mks)

ii) Identify the secondary sources of data they would use to prepare for the study. (2 mks