312/2
GEOGRAPHY
Paper 2
MARCH/APRIL 2016
Time: 2¾ hours

MOKASA JOINT EXAMINATION
Kenya Certificate of Secondary Education
312/2
Paper 2
GEOGRAPHY
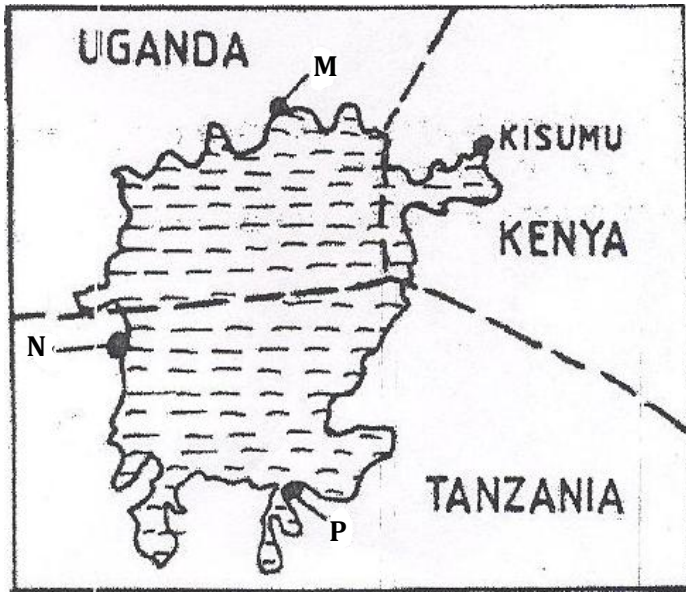
INSTRUCTIONS TO STUDENTS

- *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.*

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

1. (a) Give **two** uses of soda ash.   (2 marks)

    (b) State **three** ways in which mining derelicts can be rehabilitated.   (3 marks)

2. (a) Name **two** crops grown in Perkerra irrigation scheme.   (2 marks)

    (b) State **three** physical factors that favoured the location of Mwea Tebere irrigation
         scheme.   (3 marks)

3. (a) Name **two** exotic breeds of dairy cattle reared in Kenya.   (2 marks)

    (b) State **three** factors that favour dairy farming in Denmark.   (3 marks)

4. (a) Define wildlife.   (2 marks)

    (b) State **three** reasons why it is necessary to conserve wildlife in Kenya.
                                                                                 (3 marks)

5.   Study the sketch map of Lake Victoria below and use it to answer question (a).

(a)   Name the lake parts **M, N** and **P**.   (3 marks)

(b)   State *two* advantages of using water transport.   (2 marks)
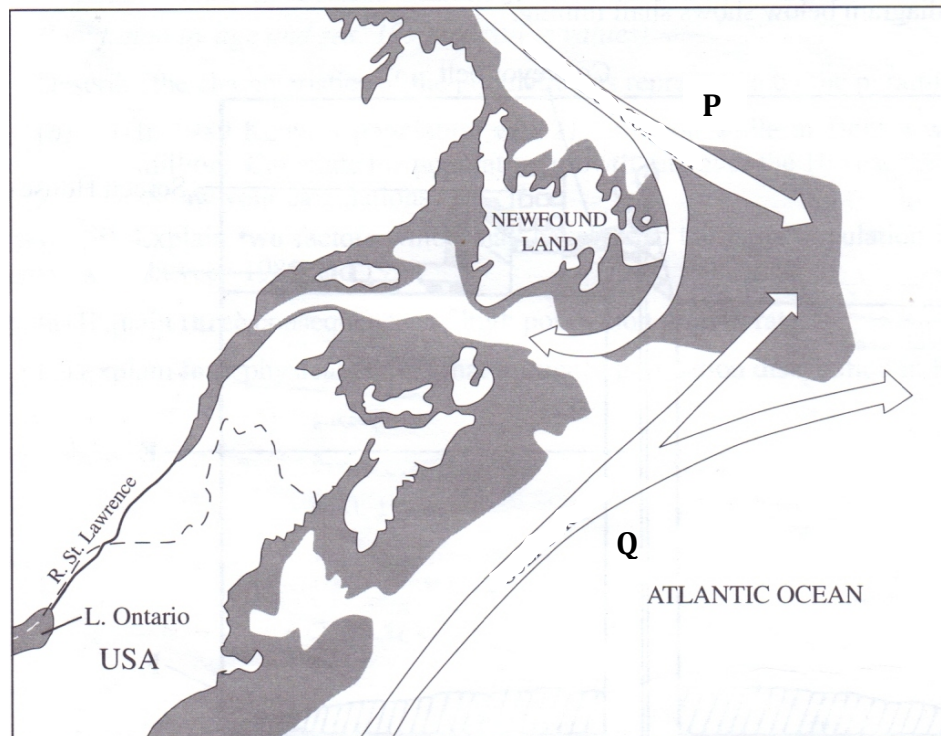
SECTION B

*Answer question **6** and any other **TWO** questions from this section.*

6.   Study the photograph below and answer question (a).

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

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

(iii) On the rectangle, sketch and label **four** main features shown on the photograph. (4 marks)

(iv) Describe the nature of the landscape of the are represented by the photograph. (3 marks)

(b) Give **three** physical conditions that favour coffee growing in Kenya.
(3 marks)

(c) Explain **three** problems facing coffee in Kenya. (6 marks)

(d) Compare coffee growing in Kenya and Brazil under the following sub-headings.

- Coffee growing areas. (2 marks)
- Soil (2 marks)
- Labour (2 marks)

7. (a) (i) What is agro forestry? (2 marks)

(ii) Differentiate between indigenous and exotic forests. (2 marks)

(iii) Name **two** indigenous softwood trees species. (2 marks)

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

(ii) State **four** factors that have led to the reduction of the area under forest on the slope of Mt. Kenya. (4 marks)

(c) Give differences in the exploitation of softwood forests in Kenya and Canada under the following headings.

(i) Tree species (2 marks)

(ii) Problems facing forestry. (2 marks)

(d) Form four students in a school carried out a field study on forestry within their county.

(i) Give **three** reasons why a recconnaince was necessary for field study.
(3 marks)

(ii)   State **two** advantages of using content Analysis in the study of forests.
                                                                                    (2 marks)

8.   (a)   Define the term fishing.   (2 marks)

      (b)   (i)   Name **two** types of marine fish caught along the East African coast.
                                                                                    (2 marks)

      (c)   Use the map of North-West Atlantic fishing ground to answer questions c(i).

      (i)   Name the ocean currents marked **P** and **Q**.   (2 marks)

      (ii)   Explain **three** ways in which the convergence of ocean currents marked
             P and **Q** influence fishing.   (6 marks)

      (d)   (i)   Describe how drifting method is used in fishing.   (5 marks)

             (ii)   State **three** factors which are considered when choosing a fishing
                    method.   (3 marks)

             (iii)   State **three** problems which face fishing in Lake Turkana.   (3 marks)

      (e)   State **two** reasons why fish farming should be encouraged in Kenya.
                                                                                    (2 marks)

9. (a) (i)   Give *two* renewable sources of energy.   (2 marks)

        (ii) State *two* advantages of using uranium as a source of energy.
                                                                         (2 marks)

    (b) (i)   Apart from generating H.E.P, give *three* other benefits that have resulted
              from the construction of Masinga Dam.   (3 marks)

        (ii) Explain *four* physical factors that influence the location of a hydro-
              electric power station.   (8 marks)

    (c) State *two* conditions necessary for the formation of petroleum.   (2 marks)

    (d) Explain *four* effects that the increase in oil prices has had on the economy of
         Kenya.   (8 marks)

10. (a) (i)   Distinguish between industry and industrialization.   (2 marks)

        (ii) State *five* factors that have influenced industrial development in Thika.
                                                                         (5 marks)

    (b) (i)   Explain *three* reasons a government may have for influencing industrial
              location.   (6 marks)

        (ii) Explain *four* factors that have led to the rapid development of
              automobile industries in Japan.   (8 marks)