SCHOOL BASED EXAMINATION – FORM 4 2017
KENYA CERTIFICATE OF SECONDARY EDUCATION

INSTRUCTIONS TO CANDIDATES.

(a)   This paper has **two** sections **A** and **B**.

(b)   Answer all the questions in section A.

(c)   Answer question **6** and any other **two** questions from section **B**.

(d)   All answers **must** be written in the answer booklet provided.

(e)   This paper consists of **4** printed pages.

(f)   Candidates should check the question paper to ascertain that all pages are printed as indicated and that **no** questions are missing.

(g)   Candidates **must** answer all the questions in English.

SECTION A (25 marks)

Answer all questions in this section.

1. (a) Name **two** tourist attractions found in Kenya Rift valley. (2 marks)

   (b) State **three** factors that hinder domestic tourism in Kenya (3 marks)

2. (a) State **three** physical conditions necessary for cocoa growing in Ghana. (3 marks)

   (b) Apart from making of oil state **two** other uses of oil palm. (2 marks)

3. (a) State **two** formations in which minerals occur. (2 marks)

   (b) State **three** negative effects of mining on the environment. (3 marks)

4. (a) What is a population pyramid? (1 mark)

   (b) State **four** reasons why it is necessary for a country to carry out population

   census. (4 marks)

5. (a) Differentiate between fishing and fisheries. (2 marks)

   (b) State **three** physical factors influencing fishing. (3 marks)

SECTION B (75 marks)

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

6. (a) Use the following table to answer the questions that follow a (i) and (ii)

   Number of animals in location **X** on the Kenya highlands in 2014.

TYPE	NUMBER
GUERNSEY	8440
ARYSHIRE	7350
JERSEY	10830
FRIESIAN	14300
SAHIWAL	4280

   (i) Using a scale of 1 cm to represent 4000 animals represent the above data
   using a divided rectangle. (6 marks)

   (ii) State **two** advantages of using a divided rectangle to represent data. (2 marks)

   (b) (i) State **three** physical factors that favour dairy farming in the Kenya
   highlands. (3 marks)

   (ii) Explain **three** ways in which dairy farming in Kenya is different from
   Dairy farming in Kenya is different from dairy farming in Denmark. (6 marks)

   (c) Explain **four** measures taken by the government of Kenya to improve beef cattle
   farming. (8 marks)

7. (a) (i) Differentiate between primary and secondary industries. (2 marks)

   (ii) Name **four** agricultural non-food manufacturing industries in Kenya. (4 marks)

   (b) Give **five** reasons why the development of the Jua Kali industries is being
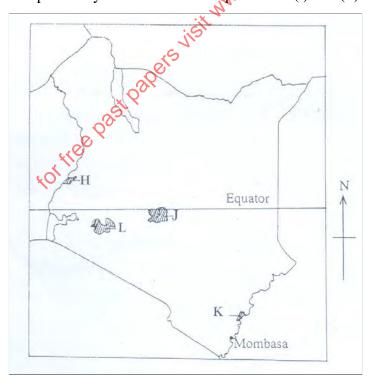
encouraged in Kenya. (5 marks)

(c) Explain **four** factors which influenced the location of iron and steel industry in the Ruhr region of Germany. (8 marks)

(d) You intend to carry out a field study of an industry which is manufacturing goods for the local market as well as for export.

    (i) Give **two** reasons why content analysis may not be a suitable method of data Collection during a field study. (2 marks)

    (ii) What information would you collect to enable you achieve the objectives of your study? (4 marks)

8. (a) (i) Name **three** provinces in Canada where wheat is grown on large scale. (3 marks)

    (ii) State **four** physical conditions that favour wheat farming in Canada. (4 marks)

(b) Compare wheat farming in Kenya and Canada under the following subheadings:-

    (i) Research. (2 marks)

    (ii) Government policy. (2 marks)

    (iii) Transport. (2 marks)

(c) (i) Differentiate horticulture and market gardening. (2 marks)

    (ii) Explain **five** problems facing horticulture farming in Kenya. (10 marks)

9. (a) Name **two** indigenous softwood trees in Kenya. (2 marks)

(b) Use the map of Kenya below to answer questions b(i) and (ii)

    (i) Name the forest reserves marked H, J and K. (3 marks)

    (ii) State **four** factors that favour the growth of natural forests in the area

Marked **L**. (4 marks)

(c) Explain **three** measures being taken by the government of Kenya to control human encroachment of forested areas. (6 marks)

(d) Give the difference between soft wood forests in Kenya and Canada under the Following sub headings.

        (i)   Tree harvesting. (2 marks)

        (ii)   Marketing of forests products. (2 marks)

(e) You plan to carry out a field study in a forest in your country.

        (i)   Give **three** reasons why you need a route map for the study. (3 marks)

        (ii)   State **two** problems you are likely to experience during the field study. (2 marks)

10. (a) Apart from windstorms name **three** other environmental hazards associated with climatic conditions. (3 marks)

    (b)   (i)   State **three** problems caused by windstorms in Kenya. (3 marks)

           (ii)   Outline the causes of water pollution. (5 marks)

    (c) Explain **fou**r methods used to control floods in Kenya. (8 marks)

    (d) Explain the significance of conserving the environment. (6 marks)