312/2
GEOGRAPHY
PAPER 2
JULY / AUGUST 2013
TIME: 2¾ HOURS

NANDI CENTRAL DISTRICT JOINT MOCK 2013

Kenya Certificate of Secondary Education (K.C.S.E.)
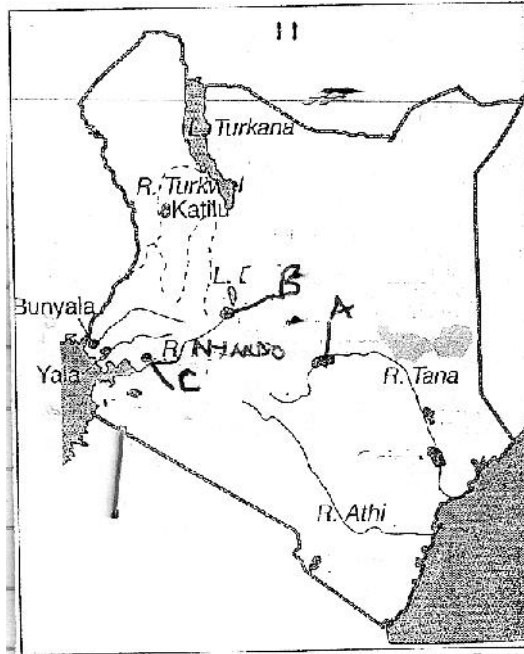**GEOGRAPHY**
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INSTRUCTIONS TO CANDIDATES:

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

(b) *Answer ALL questions in Section A. In section B answer question **6** and any other **two***

   ***questions**.*

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

Answer ALL Questions.

1. (a) Differentiate between Land reclamation and Land rehabilitation. (2mks)

   (b) Below is a map showing distribution of irrigation schemes in Kenya.

   Name the irrigation schemes marked A, B and C. (3mks)

2. (a) Name **one** Lake of St. Lawrence Seaway in North America. (1mk)

   (b) State **two** reasons why it is difficult to transport goods from Lagos to
   Mombasa by road. (2mks)

   (c) State **two** disadvantages of using pipelines as a means of transporting oil. (2mks)

3. (a) (i) Give the source of nuclear. (1mk)

      (ii) Name a country in Africa where nuclear power is produced. (1mk)

   (b) State **three** methods that can be used to conserve energy in Kenya. (3mks)

4. (a) State **three** reasons why there is an imbalance of trade between Kenya and other
   countries. (3mks)

   (b) Identify **two** forms of international trade. (2mks)

5. (a) Name **two** tourist attractions found in the Rift Valley of Kenya. (2mks)

   (b) State **three** problems experienced by the Kenya government in its effort to
   conserve wildlife. (3mks)

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Answer question <u>6</u> and any other <u>two questions</u> in this section

6. Study the table below which shows production of minerals in tonnes in Kenya between 1999 to 2001.

Mineral	1999	2000	2001
Soda Ash	245,680	128,190	297,780
Flouspar	93,602	80,102	118,850
Salt	44,886	8,359	5,664
Limestone products	32,000	16,000	32,000
Others	106,850	5,323	13,552
TOTAL	426,850	237,974	467,876

Use the table above to answer question (a).

(a) (i) Using a scale of 1cm rep. 200, calculate the radii to be used in drawing proportional circles for production in 2000 and 2001.   (2mks)

   (ii) Draw proportional divided circles for the two years. Show your calculations.
                                                                                      .   (8mks)

   (iii) State **two** conclusions that can be drawn from the proportional divided circles drawn.   (2mks)

   (iv) What percentage of the total production was contributed by flouspar over the years.   (2mks)

(b) What is meant by:

   i.   Renewable natural resources?   (2mks)

   ii. Non Renewable natural resources?   (2mks)

(c) Why is mining regarded as a "Rubber industry?"   (2mks)

(d) Explain **five** ways in which gold mining has contributed to the economic development of South Africa.   (5mks)

7. (a) Define the term horticulture.   (2mks)

   (b) Give the similarities and differences between practice of horticulture in Kenya and the Netherlands.   (6mks)

   (c) (i) Give **five** reasons why Kenya should strive to be self-sufficient in food production.   (5mks)

(ii) State **five** factors that have been an obstacle to Kenya Government effort to produce enough food for her citizens. (5mks)

(d) Outline **seven** benefits of irrigation schemes in Kenya. (7mks)

8. (a) (i) What is population census? (2mks)

      (ii) State **three** factors which have made population census unreliable in Kenya. (3mks)

(b) (i) Give **three** types of information which can be derived from population pyramid. (3mks)

      (ii) State **three** characteristics of the first phase / stage of demographic transition. (3mks)

(c) Explain **four** cultural factors that lead to Kenya's high fertility rates. (8mks)

(d) Compare population of Kenya and Sweden under the following sub-headings:

    (i)   Population density. (2mks)

    (ii)   Life expectancy. (2mks)

    (iii)   Dependency ratio. (2mks)

9. (a) Define the following terms:

    (i)   Industrialization (2mks)

    (ii)   Industrial inertia (2mks)

(b) (i) State **three** major steps currently undertaken by the government of Kenya to promote industrial growth and development. (3mks)

      (ii) Name the main industry located in the following towns in Kenya: (2mks)

          1) Webuye

          2) Mombasa

    (iii) Attrition. (2mks)

(c) (i) Apart from iron and steel industry, name **two** other industries located in the Ruhr region of Germany. (2mks)

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

(d) Explain **three** problems experienced in Kenya as a result of industrial development. (6mks)

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10. (a) (i) Define fish farming. (2mks)

(ii) State **three** reasons why the government is encouraging fish farming in many parts of the country. (3mks)

(b) Explain **four** factors that favour the fishing industry in Japan. (8mks)

(c) Describe line fishing as a method of fishing. (4mks)

(d) (i) Name **two** types of fish in Lake Victoria. (2mks)

(ii) Explain **three** problems facing fishing in Lake Victoria. (6mks)