312/2
GEOGRAPHY
TIME: 2³/₄ HOURS

KAMDARA JET - 2016

Instructions to Candidates

- ❖ *This paper consist of two section **A** and **B***
- ❖ *Answer all questions in section **A**.*
- ❖ *In section **B** answer question **6** and **any other two** questions.*
- ❖ *All answers must be written in the booklet provided.*
- ❖ *Candidates should check to ascertain that no questions are missing.*

This paper consists of 4 printed pages. Candidates should check to ascertain that all pages are printed as indicated and that no question is missing.

Answer all the questions in the section .

1) a) Distinguish between land reclamation and land rehabilitation   (2 Marks)
    b) State **three** significance of irrigation farming in Kenya   (3 Marks)

2) a) Name t**wo** types of human settlement   (2 Marks)
    b) Give three functional zones of an urban center   (3 Marks)

3) a) (i) What is geothermal power?   (2 Marks)
        (ii) Name two sites of geothermal power potential in Kenya.   (2 marks)

    b) State **two** reasons why geothermal power is not well developed in Kenya.   (2 Marks)

4) a) Name **two** environmental hazard associated with climatic conditions   (2 Marks)
    b) State **three** negative effects of uncollected garbage on the environment   (3 Marks)

5) a) What is mining?   (1 Marks)
    b) State **three** negative effects of mining on the physical environment   (3 Marks)

SECTION B

Answer question 6 and any other two questions
Study the photograph below and answer questions (a) and (b)

a) (i) Name the type of photograph shown above (1 Mark)
   (ii) Identify the activity being carried out in the photograph (1 mark)

b) (i) Draw a rectangle measuring 12cm by 8cm to represent the area of the photograph (1 Mark)
(ii) On the rectangle, sketch and label four main features shown on the photograph (4 Marks)

c) (i)Give five methods used to preserve fish in Kenya (5 Marks)
   (ii)State five problems experienced by fishermen in Lake Victoria (5 Marks)

d) Outline four differences between fishing in Kenya and Japan (8 Marks)

7) a) (i) Name **two** species of coffee grown in Kenya (2 Marks)
(ii)State t**hree** physical conditions necessary for the growth of coffee (3 Marks)
(iii)Identify **three** counties in Kenya where coffee farming is practiced (3 Marks)

b) Highlight **five** problems facing coffee farming in Kenya (5 Marks)

c) Describe the stages involved in coffee production from picking to marketing (7 Marks)

d) Your class intends to carry out a field study on coffee harvesting in a farm
(i)State **two** ways in which your class members will prepare for the study (2 Marks)

(ii)Identify **three** activities the students will engage in during the actual fields study (3 Marks)

8) (a) (i) Define the term industry. (2 marks)

   (ii) Name **three** Agricultural non-food processing industries in Kenya. (3 marks)

(b) Explain **three** main factors that influence the location and development of
industries. (6 marks)

(c) Explain the measures that should be taken to control the following effects of
industrialization.

   (i) Rural urban migration (4 marks)

   (ii) Water pollution (2 marks)

(d) Account for the growth of Iron and steel industry in the Ruhr region of Germany. (8 marks)
9) (a) Name **three** types of dairy cattle kept in Kenya (3 marks)

   (b) (i) State **four** condition that favour dairy farming in the Kenyan highlands. (4 marks)

(ii) Explain **three** problems facing dairy farmers in Kenya. (6 marks)

(c) (i) State **three** measurers the government of Kenya is taking to improve dairy farming.

(3 marks)

(ii) Compare dairy farming in Kenya and Denmark. (4 marks)

(d) You intend to carry out a field study in a dairy farm.

(i) Give three methods you would use to collect information. (3 marks)

(ii) State two follow up activities you would carry out after the field study. (2 marks)

10) a)(i) Define re-afforestation (2 Marks)
(ii)State **four** reasons why afforestation should be encouraged in Kenya (4 Marks)
(iii)Name **three** provinces in Canada where forestry is practiced on large scale (3 Marks)
b) Explain **three** problems which hinder the Kenya government efforts to manage and
Conserve forest (6 Marks)

c) Explain **thre**e factors that favour the growth of natural forest on the slopes of Mount Kenya (6 Marks)

d) Identify **four** factors that favour exploitation of forest in Canada (4 Marks)