NAME _____   INDEX NO._____

SCHOOL _____   SIGNATURE_____

DATE _____

312/2

GEOGRAPHY

PAPER 2

JULY/ AUGUST, 2016

TIME: 2¾ HOURS

JOINT MOCKS 2016

Kenya Certificate of Secondary Education (K.C.S.E)

312/2

GEOGRAPHY

PAPER 2

TIME: 2¾ HOURS

INSTRUCTIONS TO CANDIDATES

- This paper has **two** sections: **A** and **B.**

- Answer **all** the questions in section **A**.

- Answer question **6** and any other **two** questions from Section **B**.

- Each question in section B must be answered in separate foolscaps.

- This paper consists of **4** printed pages.

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

Answer ALL questions in this section in the answer booklet provided.

1.a) Give two main maize growing areas in Kenya. (2 marks)

b) State three uses of maize. (3 marks)

2.a) Name two districts West of Rift Valley where dairy farming is practiced in Kenya. (2 marks)

b) State three problems facing dairy farming in Denmark. (3 marks)

3.a) State three factors that influenced the establishment of Perkerra Irrigation Scheme. (3 marks)

b) State three advantages of overhead irrigation. (3 marks)

4..i) What is fish farming? (2 marks)
ii) State three problems experienced by fish farmers in Kenya. (3 marks)

5.a) State two reasons why motorcycle transport is widely used in Kenya. (2 marks)
b) Give two ways in which telecommunication promotes trade. (2 marks)
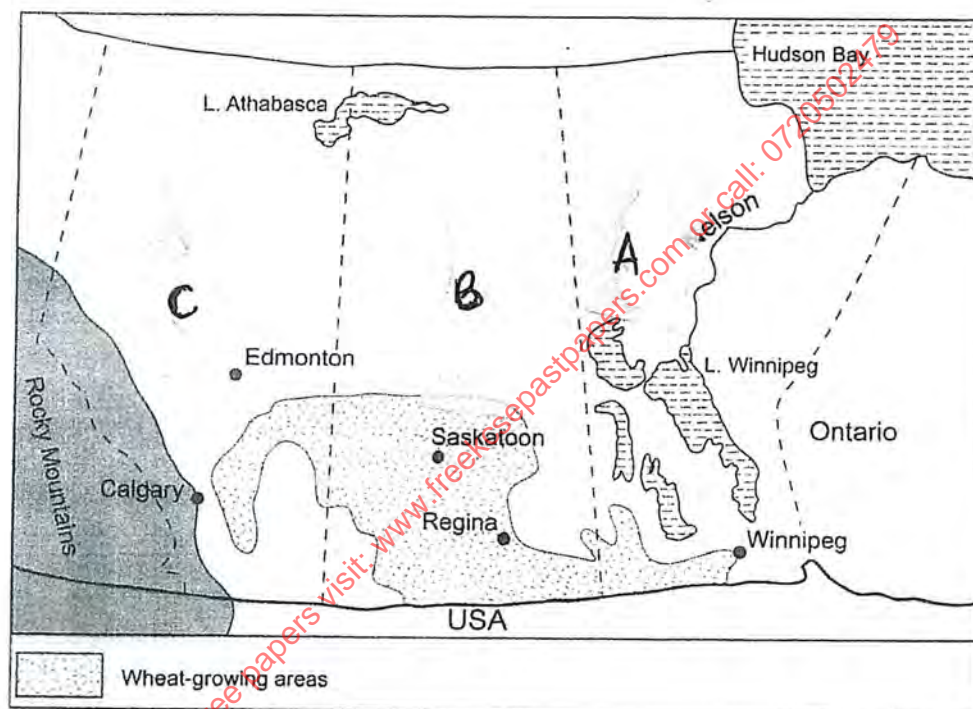
SECTION B

Answer question 6 and any other two questions

6. Study the table below on mineral production in tonnes in Kenya between 1996 – 1999 and answer the following questions.

Mineral/year	1996	1997	1998	1999
Soda ash	150,000	250,600	440,600	240,900
Flourspar	50,000	68,700	50,800	93,600
Limestone	25,000	32,600	32,000	32,000
Salt	6,000	15,000	9,823	44,000
Others	8,000	10,900	21,000	10,600

a.i) Calculate the percentage increase of soda ash. (2 marks)
ii) Draw a comparative line graph to represent the above data. (7 marks)
iii) State three advantages of comparative line graph method. (3 marks)

b.i) Explain how soda ash is processed in Lake Magadi. (5 marks)
ii) State two factors influencing the occurrence of minerals. (2 marks)
iii) Explain the economic significance of Gold mining in South Africa. (6 marks)

7. a.i) What is Agro-forestry? (2 marks)
   b.i) State five reasons why agro-forestry is being encouraged in Kenya. (5 marks)
ii) Explain how the following factors influence distribution of forests.
iii) Altitude. (2 marks)
iv) Soils. (2 marks)
v) State four characteristics of tropical hardwood forests. (4 marks)

c.i) Give the differences between forestry in Kenya and Canada under the following headings:-
- Tree harvesting. (2 marks)
- Transportation. (2 marks)
- Marketing. (2 marks)

ii) Give **four** reasons why Kenya should conserve her forests. (4 marks)

8.a.i) State **three** physical factors favouring cocoa growing in Ghana. (3 marks)
ii) Explain **four** problems experienced by cocoa farmers in Ghana. (8 marks)

b. The outline map provided shows the wheat growing areas in Canada.

i) Name provinces marked A, B and C. (3 marks)
ii) Compare wheat farming in Canada and Kenya under the following headings:-

- Storage (2 marks)
- Transportation. (2 marks)
- Marketing. (2 marks)

c) Your Geography class carried out a field study on wheat farming.

i) Formulate **one** hypothesis based/on your study. (1 mark)
ii) Give **two** types of information you collected from the field. (2 marks)
iii State **two** follow-up activities undertaken after the study. (2 marks)

9.a.i) Apart from nuclear energy name three other non-renewable sources of energy. (3 marks)

    ii) State <u>three</u> factors that hinder the development of nuclear energy in many countries?
(3marks)

  b.i) Explain <u>three</u> effects of overdependence on petroleum on the economy of oil importing countries in the event of an oil crisis. (6 marks)

  ii) State <u>three</u> methods that Kenya can use to conserve her energy. (3 marks)

  c.i) Give <u>four</u> reasons why Kenya has not been able to fully exploit her geothermal power. (4mks)

Use the map of Africa below to answer the questions that follow:-

  ii) Name the Hydro Electric Power projects marked 1, 2, 5 and 6. (4 marks)

  iii) Give <u>two</u> reasons why Africa has a high potential of Hydro-electric power. (2 marks)

10.a.i) Name <u>three</u> Agricultural non-food processing industries in Kenya. (3 marks)
  ii) Explain <u>two</u> ways in which raw materials influence the location of industries.
(4 marks)
  b.i) Give <u>four</u> benefits of motor vehicle assembling in Kenya. (4 marks)
  ii) State <u>four</u> problems caused by industries to a country. (4 marks)
  c. Explain <u>three</u> factors that influence the location of Iron and steel industry in the Ruhr region of Germany. (6 marks)

  d. Your class carried out a field study on a processing industry in the industrial area Nairobi.

  i) State <u>two</u> objectives for your study. (2 marks)
  ii) Give <u>two</u> reasons why you needed to carry out a reconnaissance. (2 marks)