

312/2

GEOGRAPHY

PAPER 2

2¾ HOURS

**KENYA CERTIFICATE OF SECONDARY EDUCATION
LAICOMET FORM FOUR EXAM 2010**

INSTRUCTION TO CANDIDATES:

- a) This paper consist of two sections A and B*
- b) Answer all the 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.*
- d) Candidates should check the question paper to ascertain that all the pages are printed as indicated and that no questions are missing.*

SECTION A

Answer all the questions in this section

1. (a) Apart from drought name other three environmental hazards experienced In Kenya (3mks)
(b) State two causes of the flooding (2mks)
2. (a) Identify two tourist sites in the rift valley in Kenya (2mks)
(b) List three physical factors that have promoted tourism in Switzerland (3mks)

3. (a) What is fertility rate? (2mks)
- (b) Give three reasons for low population growth in Kenya (3mks)
4. (a) State three ways in which the 'jua kali' sector is significant in the industrialization process in Kenya (3mks)
- (b) Name any two non-food agricultural industries in Kenya (2mks)
5. (a) State three factors influencing the exploitation of minerals. (3mks)
- (b) Give two negative effects of mining on the environment (2mks)

SECTION B

Answer question 6 and any other two questions in this section

6. Use the data provided to answer questions (a) and (b) below. The table shows the means monthly rainfall and temperature for station X.

MONTH	J	F	M	A	M	J	J	A	S	O	N	D
TEMP(°C)	-45	-30	-25	-15	-5	3	8	10	7	2	-15	-33
RAINFALL(mm)	7	8	10	13	21	28	78	93	64	51	25	20

- (a) Represent the data in a statistical diagram (7mks)
- (b) Describe the climatic characteristics of station X. (5mks)
- (c) What are the advantages of representing data in such a diagram? (5mks)
- (d) Students from your school intend to carry out a field study on the weather condition of the area around school
 - (i) State two ways in which they would prepare for the study (2mks)
 - (ii) Give three methods they may use to collect data (3mks)
 - (iii) What factors may lead to inaccurate data collection in a weather station (3mks)
7. (a) Describe the stages in the reclamation of land from the sea in the Netherlands (6mks)
- (b) Explain four benefits of Mwea irrigation scheme (8mks)
- (c) (i) Explain three conditions that favour rice growing in Mwea Tebere irrigation scheme in Kenya (6mks)
- (ii) State five problems experienced in irrigation farming in Kenya (5mks)
8. (a) (i) Give the meaning of horticulture farming and market gardening (2mks)
- (ii) State five characteristics that distinguish horticulture from other types of crop farming (5mks)
- (b) Give three similarities and three differences of horticulture farming in Kenya and in Netherlands (3mks)
- (c) Name one horticultural product exported in largest amount from each of the following Kenyan regions:
 - (i) Naivasha

- (ii) Kericho
- (iii) Kirinyaga (3mks)
- (d) (i) Name any two producers or processors of dairy products in Kenya (2mks)
- (ii) Describe the ways in which the Kenyan government has made effort to solve problems that face dairy farmers in Kenya (7mks)
- 9. (a) State three characteristics of pelagic fish. (3mks)
- (b) Give four reasons why Tanzania produces more fish than Kenya (4mks)
- (c) Explain how the following method are used in commercial fishing
 - (i) Drifting (5mks)
 - (ii) Long lining (5mks)
- (d) Explain four significance of fishing to the Kenyan economy (8mks)
- 10. (a) (i) Define energy crisis (2mks)
- (ii) State three causes of energy crisis (3mks)
- (b) (i) State two advantages of using solar energy (2mks)
- (ii) Explain three factors hindering the development of solar energy in Kenya (6mks)
- (c) Explain four factors that influence production of hydroelectric power (8mks)
- (d) State four ways of reducing overdependence (4mks)