

KCSE 2022

4.2.2 Geography Paper 2 (312/2)

SECTION A

Answer all the questions in this section.

1. (a) State **three** conditions that are necessary for the formation of petroleum. (3 marks)
- (b) Give **two** by-products of petroleum. (2 marks)

2. (a) Define Agriculture. (2 marks)
- (b) Give **three** social factors which influence agriculture. (3 marks)

3. (a) Apart from draining of swamps, give **three** other methods through which land has been reclaimed in Kenya. (3 marks)
- (b) Identify **two** methods that are used to drain swamps in Kenya. (2 marks)

4. State **four** ways in which bush fires negatively affect wildlife in East Africa. (4 marks)

5. (a) Give **three** factors that favour the establishment of National Parks in the semi-arid areas of Kenya. (3 marks)
- (b) State ways in which ecotourism has led to sustainable tourism industry in Kenya. (3 marks)

SECTION B

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

6. The sales (in tonnes) of selected crops grown in Kenya between 2015 and 2017 are represented in the table below. Use it to answer questions (a) and (b) (i).

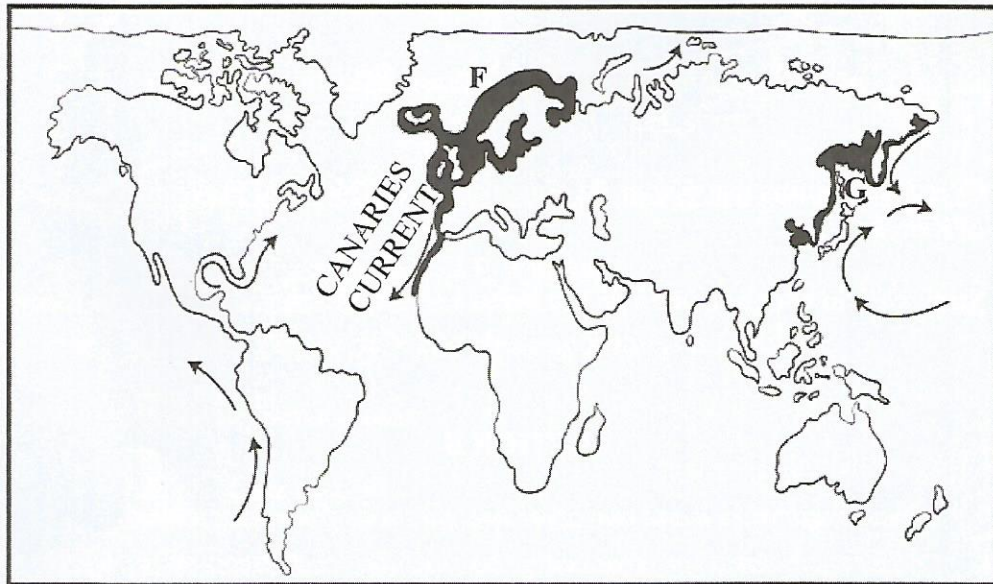
CROP	2015	2016	2017	TOTAL
TEA	399,200	473,000	439,900	1,312,100
MAIZE	295,300	265,800	239,200	800,300
WHEAT	227,300	215,900	156,900	600,100

Source: Economic Survey 2018

- (a) (i) Calculate the percentage decrease in sales of wheat between the years 2015 and 2017. (2 marks)

- (ii) Give **four** reasons that may have led to the decrease in wheat sales between 2015 and 2017. (4 marks)
- (b) (i) Draw a pie chart to represent the data on selected crops sales shown on the table above. Show your calculations. (7 marks)
- (ii) Give **three** advantages of using a pie chart to represent geographical data. (3 marks)
- (c) (i) Name **three** counties in Kenya where wheat is grown on large scale. (3 marks)
- (ii) Explain **three** physical conditions that favour wheat growing in Kenya. (6 marks)

7. (a) Name **two** categories of inland fresh water fisheries in East Africa. (2 marks)
- (b) The map below shows some major fishing grounds of the world. Use it to answer questions 7(b) (i) and (ii).

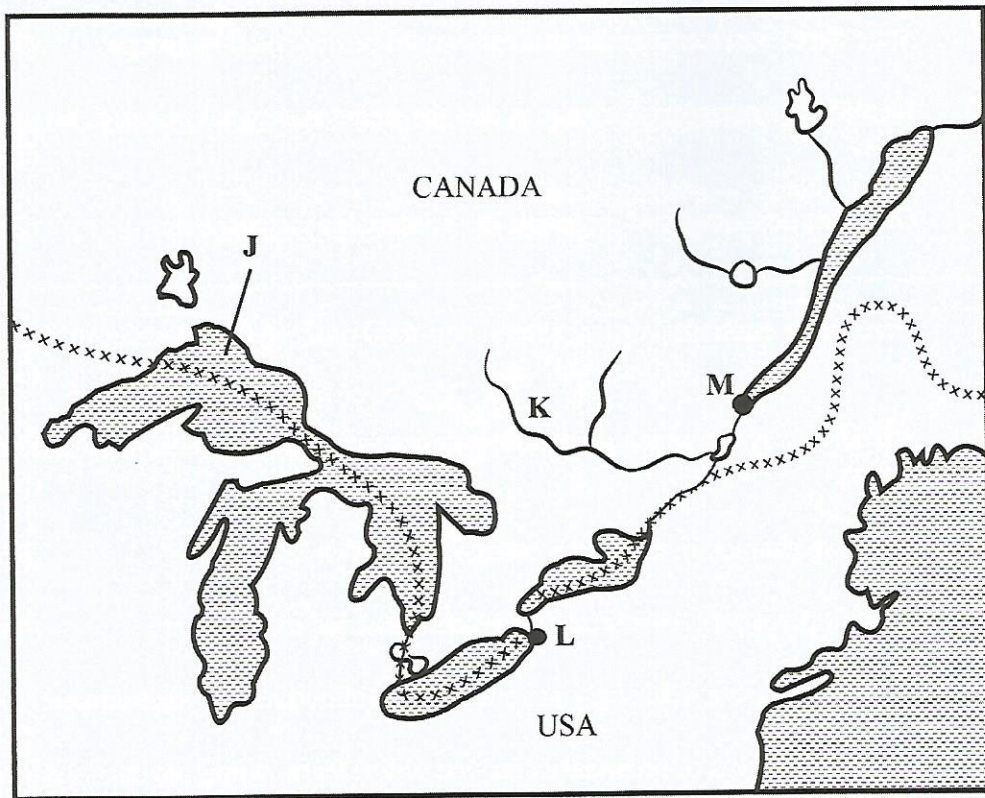


- (i) Identify the shaded fishing grounds marked **F** and **G**. (2 marks)
- (ii) Explain **three** physical conditions that favour fishing in the ground marked **G**. (6 marks)
- (c) (i) Name **two** fishing methods used in small scale fishing in Kenya. (2 marks)
- (ii) Describe how the trawling method is used in fishing. (5 marks)
- (d) Explain **four** ways in which fresh water fisheries are conserved in Kenya. (8 marks)

8. (a) (i) Identify **three** renewable sources of energy. (3 marks)
- (ii) State **five** disadvantages of using coal as a form of energy. (5 marks)
- (b) (i) What is energy crisis? (2 marks)
- (ii) Explain **four** ways in which energy crisis affects the economy of Kenya. (8 marks)
- (c) Some students carried out a field study on uses of energy by sampling the households around their school.
- (i) State **three** reasons why the students would be divided into groups. (3 marks)
- (ii) Identify **two** sampling techniques that the students may have used during the field study. (2 marks)
- (iii) Give **two** advantages of sampling the households for the study. (2 marks)
9. (a) (i) Give **three** examples of agricultural non-food processing industries in Kenya. (3 marks)
- (ii) State **five** ways in which government policy influences location of industries in Kenya. (5 marks)
- (b) (i) Give **five** characteristics of the cottage industry in India. (5 marks)
- (ii) Explain **three** problems facing *Jua Kali* industries in Kenya. (6 marks)
- (c) You intend to carry out a field study in an industry within the local environment.
- (i) Give **two** sources of secondary data you will refer to before conducting the field study. (2 marks)
- (ii) Identify **four** benefits of the industry to the local community that you are likely to find out during the study. (4 marks)

10. (a) (i) What is transport? (2 marks)
- (ii) Name **two** international airports in Kenya. (2 marks)
- (iii) Give **four** advantages of air transport over road transport. (4 marks)
- (b) State **five** benefits that would result from improving the conditions of roads in rural areas of Kenya. (5 marks)

The sketch map below shows the Great Lakes and the St. Lawrence Seaway.
Use it to answer question (c).



- (c) Name:
- (i) the lake marked J. (1 mark)
- (ii) the river marked K. (1 mark)
- (iii) the ports marked L and M. (2 marks)
- (d) Explain **four** ways in which the Great Lakes and the St. Lawrence Seaway has contributed to the economies of United States of America and Canada. (8 marks)