

K.C.S.E 2024 BLUEPRINT PREDICTION

GEOGRAPHY PP2 10 QUESTION PAPERS



KCSE BLUEPRINT PREDICTION

GEOGRAPHY PP2

10 QUESTION PAPERS

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K.C.S.E BLUEPRINT PREDICTION QUESTION PAPER NO: 1

312/2

GEOGRAPHY

Paper 2

Time 2 hours 45 min.

SECTION A:

- 1.a) State **two** ways in which minerals occur (2mks)
b) Describe panning as a method of mining (3mks)
- 2.a) Differentiate between a Forest and forestry (2mks)
b) Give **three** characteristics of Tropical hard-wood forest (3mks)
- 3.a) Name **two** main rivers which supply water to Mwea-Tebere irrigation scheme (2mks)
b) State **three** environmental problems faced by farmers in Mwea-Tebere irrigation scheme (3mks)
- 4.a) Give **two** methods used to rehabilitate land in Kenya (2mks)
b) State **three** benefits of Perkerra Irrigation scheme (3mks)
- 5.a) What is a game sanctuary (2mks)
b) State **three** reasons for encouraging domestic tourism in Kenya (3mks)

SECTION B:

6. Study the photograph below and use it to answer question (a)



- a) (i) Name the type of photograph shown above (1mk)
(ii) What time of the day was the photograph taken if the camera was held facing South? (1mk)
(iii) Draw a rectangle measuring 16cm by 9cm to represent the area of the photograph.

On it sketch and label the main features shown on the photograph (5mks)

- iv) Describe the landscape of the area represented by the photograph. (3mks)
b) (i) Identify **two** counties in the Rift Valley where ranching is practiced. (2mks)
(ii) Name **one** exotic breed of beef cattle reared in Kenya (1mk)
c) State **four** physical factors which favour beef farming in Argentina (4mks)
d) Explain **four** benefits of beef farming to the economy of Argentina (8mks)

7.a) Define agro-forestry (2mks)

b) State **three** benefits of agro-forestry (3mks)

c) i) Explain how the following factors have influenced distribution of natural forests in Kenya

- Aspect (2mks)
- Soils (2mks)

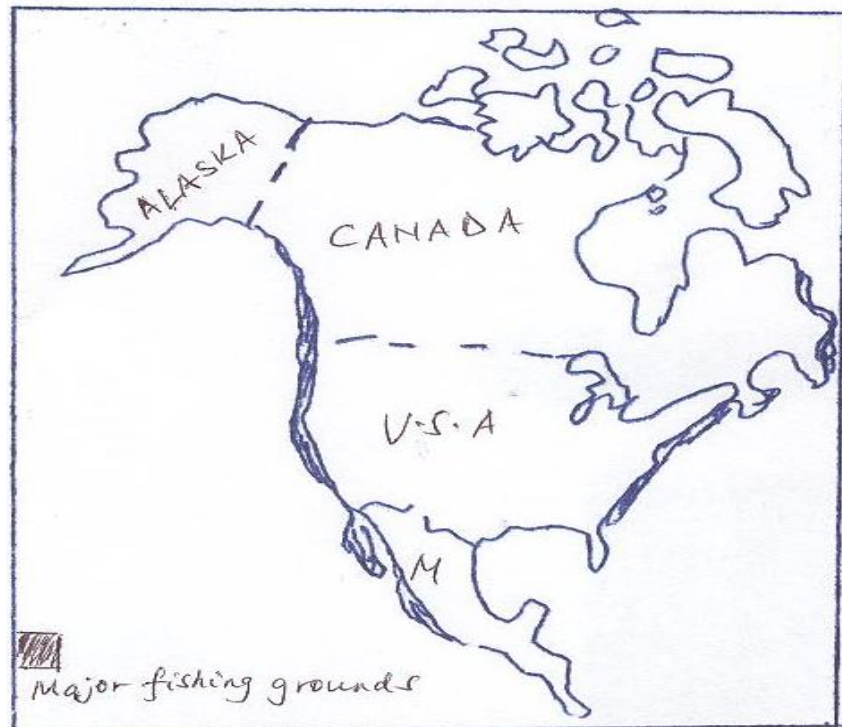
ii) Explain **four** ways of managing forests in Kenya (8mks)

d) Compare softwood forestry in Kenya and Canada under the following sub-headings

- Transportation (2mks)
- Harvesting (2mks)
- Climate (2mks)
- Distribution (2mks)

- 8.a) What is mixed farming? (2mks)
- b) State **three** economic factors influencing agriculture (3mks)
- c)i) Give **four** physical factors influencing coffee growing in Kenya (4mks)
- ii) Describe coffee productions in Kenya from harvesting to marketing (8mks)
- iii) Give **three** differences between coffee farming in Kenya and Brazil (6mks)
- d) You intend to carry out a field study on coffee growing in a farm near your school. State **two** disadvantages of using secondary data during data collection (2mks)

9. Use the map of North America below to answer questions (a) and (b)



- a) Name
- (i) The fishing ground shaded (1mk)
- (ii) The ocean current marked (b) (1mk)
- b) Explain **four** physical conditions necessary for fishing in the fishing ground shaded. (8mks)
- c) Describe trawling method of fishing (6mks)
- d)i) Explain **three** ways in which overfishing can be controlled in Lake Naivasha (6 marks)
- ii) State **three** significance of fish farming (3mks)

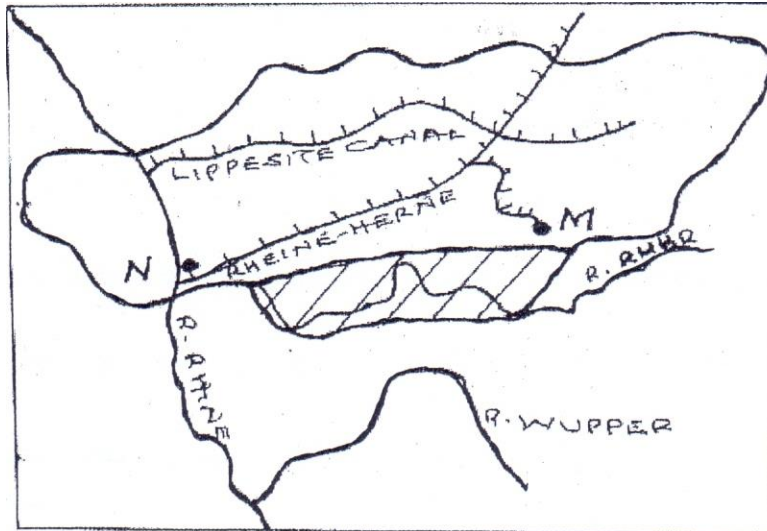
10.a)i) Apart from coal, name three other non-renewable sources of energy (3mks)

ii) State **four** reasons why there has been a decline in the use of coal as a source of energy (4mks)

iii) Give **three** advantages of using wind energy (3mks)

b) Name **two** examples of agricultural non-food processing industries in Kenya (2 marks)

c) Below is a sketch map of the Ruhr Industrial Region. Use it to answer question (i)



(i) Name:

- The canal market U (1mk)
- The river marked V (1mk)
- The town marked W (1mk)

(ii) Explain **three** factors which led to the growth of iron and steel industry in the Ruhr region of Germany (6mks)

d) Explain **two** environmental problems which have resulted from the development of car manufacturing industry in Japan (4mks)

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GEOGRAPHY

Paper 2

Time 2 hours 45 min.

SECTION A:

1. (a) Give three factors that favour coffee growing in Brazil (3Mks)
(b) Name two main diseases affecting coffee trees in Kenya (2Mks)

2. (a) Mention three reasons why Kenya's rivers are not useful transport routes (3Mks)
(b) Give THREE reasons why road transport in Africa is better developed than railway transport (3Mks)

3. (a) Explain why Kenya imports its oil in crude form (3Mks)
(b) Explain TWO problems that Kenya face as a result of overdependence on petroleum (2Mks)

4. (a) State THREE methods which are used in reclaiming Land in Kenya (3Mks)
(b) Mention TWO reasons that made the Gezira area suitable for an irrigation scheme. (2Mks)

5. (a) What is barter trade (1Mk)
(b) Name THREE major commodities that Kenya imports (3Mks)

SECTION B

- 6. a.(i)** Define Mining (1Mk)
- (ii)** List down THREE factors affecting exploitation of minerals (3Mks)
- b(i)** Explain THREE ways in which Kenya has benefit from the mining of soda ash at lake Magadi (6Mks)
- (ii)** Explain THREE negative effects of mining to the environment (6Mks)
- c** Study the data in the table below and answer the questions that follows. East Africa: reading mineral production by value (Kshs million)

Mineral	Diamond	Soda Ash	Copper	Diatomite
2000	6989	4664	1968	180
2001	7515	3342	2619	636
2002	5577	229	2104	237
2003	6099	1417	2981	168
2004	6754	4647	3659	200

- (i)** Calculate the percentage increase in value of each mineral between the years 2003 and 2004 (4Mks)
- (ii)** On the grid provided, draw a comparative bar graph to represent the data in the table (5Mks)
- 7. (a)** Name Two types of cattle breeds kept by nomadic pastoralists in Kenya (2Mks)
- (b)(i)** Why do nomadic pastoralists in Kenya keep large herds of animals (4Mks)
- (ii)** State four problems facing nomadic pastoralist in Kenya (4Mks)
- (c)** State THREE factors influencing beef farming in Kenya (3Mks)
- (d) (i)** Explain four differences between beef cattle farming in Kenya and Argentina (8Mks)
- (ii)** State four significance of beef farming in Kenya (4Mks)
- 8 a(i)** Explain what you understand by the term, domestic tourism (1Mk)
- (ii)** Differentiate between a national park and a game reserve (2Mks)
- b(i)** Explain three factors that have hindered the development of domestic tourism in Kenya (6Mks)
- (ii)** Explain four problems associated with tourism in Kenya (8Mks)
- c** Explain four reasons why Switzerland get more tourist than Kenya (8Mks).

- 9 a(i)** Define the term fisheries (1Mk)
- (ii)** Differentiate Between fresh water fishing and marine fishing (2Mks)
- b(i)** Mention THREE reasons why marine fisheries in Kenya are underdeveloped (3mks)
- (ii)** State THREE problems experienced in the marketing of fish in Kenya (3Mks)
- c(i)** Explain four physical conditions which make Japan a major fishing ground (8Mks)
- (ii)** Explain four reasons why major fishing grounds of the world are located in the temperature latitudes of the northern hemisphere. (8Mks)
- 10a(i)** Define the term forest (1Mk)
- (ii)** Name THREE species of tropical hardwood forests in Africa (3Mks)
- b(i)** State THREE characteristic of temperate softwood forests (3Mks)
- (ii)** Explain THREE problems facing forestry in Kenya (6Mks)
- (iii)** State three reasons why British Columbia is an important producer of soft wood (3Mks)
- c** You are required by your Geography Teacher to carry out a field study on the forest near your school.
- (i)** State three reasons why it would be necessary to visit the area before the day of the study. (3Mks)
- (ii)** Formulate three suitable objectives for the field study (3Mks)
- (iii)** Explain three problems you would encounter on the field study. (3Mks)

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QUESTION PAPER NO: 3

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GEOGRAPHY

Paper 2

Time 2 hours 45 min.

SECTION A

- 1.a) Name two tree species of high commercial value in a coniferous forest. (2mks)
- b) State three characteristics of Tropical hardwood forests which hinder exploitation. (3mks)
2. a) State two factors that influence exploitation of minerals. (2mks)
- b) Describe how soda ash is extracted in Lake Magadi. (3mks)
- 3.a) i) Distinguish between population distribution and population density. (1mk)
- ii) What is dependency ratio? (1mk)
- b) State three reasons for reduced fertility rate in Kenya. (3mks)
4. a) i) Name two dairy cattle breeds reared in Kenya. (2mks)
- b) State three differences between beef farming in Argentina and Kenya. (3mks)
- 5.a) Give two advantages of wood as a source of fuel. (2mks)
- b) State three conditions necessary for the formation of Oil. (3mks)

SECTION B

6. Study the table below that shows Kenya's visible balance of Trade with some selected countries. 1982-1984 (figures in pounds '000).

County	1982		1983		1984	
	Exports	Imports	Exports	Imports	Exports	Imports
UK	72,000	135,000	96,000	120,000	140,000	152,000
Germany	60,500	75,5000	82,000	70,000	98,000	98,000
USSR	4,500	150	3,000	100	4,000	300
U.S.A	35,000	54,000	40,000	56,000	38,000	50,000
Uganda	58,000	1,300	7,2000	800	67,000	100,000

- a) i) Draw a comparative line graph showing the exports from 1982 to 1984 using a vertical scale of 1:10 million and horizontal scale. (8mks)
- ii) State three disadvantages of this graph experienced during the construction. (3mks)
- b) i) Define balance of trade. (2mks)
- ii) Calculate the balance of trade for Kenya 1984. (2mks)
- c. i) Name two major exports and two major imports of Kenya. (4mks)
- ii) Give three reasons for the nature of Kenya's balance of trade from the table above. (3mks)
- d) State three measures the government has taken to achieve a favourable balance of trade.
- 7.a) i) Name two provinces in Canada where wheat is grown. (2mks)
- ii) Explain four physical factors favouring wheat growing in Kenya. (8mks)
- b) Compare wheat farming in Kenya and Canada under the following headings:
- cultivation (2mks)
 - harvesting (2mks)
 - marketing (2mks)
- c. i) Explain three human and economic problems facing wheat farming in Canada. (6mks)
- ii) State three importance of wheat farming in Canada. (3mks)

- 8.a.i)** Name two countries found in the north West pacific fishing ground. **(2mks)**
- ii)** Explain four physical factors that favour fishing in the above fishing ground. **(8mks)**
- b)** Describe the following methods of fishing:
- i)** drifting **(4mks)**
- ii)** purse seine **(4mks)**
- c)** compare fishing in Kenya and Japan under the following sub-headings:
- i)** fishing ground **(2mks)**
- ii)** climate **(2mks)**
- d)** State 3 significance of fishing to the economy of Kenya. **(3mks)**

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QUESTION PAPER NO: 4

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GEOGRAPHY

Paper 2

Time 2 hours 45 min.

SECTION A

- 1.(a) Name *two* mining methods used in extracting Gold in South Africa. (2mks)
- (b) Describe how dredging method of mining is used in Lake Magadi. (3mks)
- 2.(a) State *three* reasons why it is important to introduce drought resistant crops as a method of land reclamation in Kenya. (3mks)
- (b) Give *two* benefits of Zuider Zee project. (2mks)
3. (a) State *three* physical factors which favour fishing in the North West pacific fishing grounds.(3mks)
- (b) Name *two* methods used in demersal fishing. (2mks)
4. (a) Name *two* navigable rivers in Africa. (2mks)
- (b) State *three* recent developments that have been taken by the Kenyan government to improve communication. (3mks)
- 5.(a) Give *two* types of environmental hazards. (2mks)
- (b) State *three* significance of conserving the environment. (3mks)

SECTION B

6. Study the photograph below and use it to answer question (a).



- (a)(i) Name the type of photograph shown above. (1mk)
- (ii) Identify **one** community in West Africa that practice nomadic pastoralism. (1mk)
- (iii) What time of the day was the photograph taken? (1mk)
- (iv) Describe the characteristics of the vegetation shown on the photograph. (4mks)
- (v) Draw a rectangle measuring 15cm and 10cm to represent the area covered by the photograph.
On it, sketch and label **five** features shown on the photograph. (6mks)
- (b)(i) Distinguish between nomadic pastoralism and transhumance. (2mks)
- (ii) State **four** characteristics of nomadic pastoralism. (4mks)
- (c) Explain **three** ways that the county government of Turkana can improve livestock farming. (6mks)

- 7.(a)(i) Name **three** indigenous hardwood trees in Kenya. (2mks)
- (ii) Give **two** forest reserves found in the coastal region of Kenya. (2mks)
- (iii) State **three** ways in which the clearing of forests has affected the natural environment in Kenya. (3mks)
- (b) Describe **five** challenges experienced in the exploitation of tropical hardwood forests in Africa. (5mks)

(c) Compare softwood forests in Kenya and Canada under the following sub-headings:

- Harvesting period. (2mks)
- Transportation. (2mks)
- Distribution of the forests. (2mks)
- Marketing of forestry products. (2mks)

(d) State **five** difficulties that African countries face in the conservation and management of forests? (5mks)

8. (a)(i) Distinguish between renewable and non-renewable sources of energy. (2mks)

(ii) State **three** advantages of biomass as a source of energy. (2mks)

(b) (i) Apart from the HEP projects in Kenya and Uganda, name **three** other HEP projects in Africa. (3mks)

(ii) State **three** factors that have favoured the establishment of HEP projects in Kenya. (3mks)

(c)(i) What is energy crisis? (2mks)

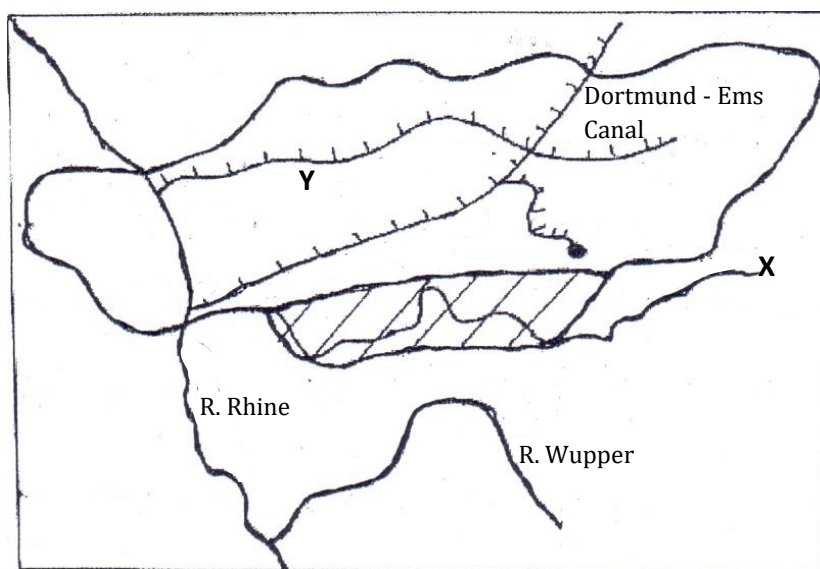
(ii) State **four** ways in which energy crisis has impacted on developing countries. (4mks)

(d) Explain **four** measures the Kenya Government has taken to manage and conserve the energy. (8mks)

9. (a) (i) What are Agricultural food processing industries? (2mks)

(ii) Name **three** Agricultural non-food processing industries. (3mks)

(b) Study the map of the Ruhr industrial region and use it to answer the questions that follow.



- (i) Name the River marked **X**. (1mk)
- (ii) Name the Canal marked **Y**. (1mk)
- (iii) Apart from iron and steel industries, name **three** other industries in the Ruhr region. (3mks)
- (iv) Explain **four** physical factors which led to the growth of the Iron and Steel industry in the Ruhr region. (8mks)
- (c) You intend to carry out a field study on vehicle assembly in Thika Town.
- (i) Apart from content analysis, give **two** other methods of data collection. (2mks)
- (ii) State **two** advantages of library research in data collection. (2mks)
- (iii) State **three** follow-up activities after the field work. (3mks)
- 10.(a)(i)** Name **two** types of settlements patterns. (2mks)
- (ii) Apart from CBD (Central Business District), give **three** other functional zones of a town. (3mks)
- (iii) State **four** characteristics of the Central Business District (CBD) of a town. (4mks)
- (b) Explain **four** factors which have contributed to the growth of Thika as an industrial centre. (8mks)
- (c) (i) Identify **two** similarities between the city of Nairobi and Newyork. (4mks)
- (ii) Give **four** negative effects of urbanization. (4mks)

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GEOGRAPHY

Paper 2

Time 2 hours 45 min.

SECTION A

- (1) (a) Name two types of mining (2mks)
(b) State three negative effects of mining on the environment. (3mks)
- (2)(a) Name two major forest blocks found along the Kenyan coast. (2mks)
(b) State three factors contributing to depletion of forests in Kenya. (3mks)
- (3) (a) List down three human factors that favour wildlife conservation. (3mks)
(b) State two advantages of domestic tourism in Kenya (2mks)
- (4) (a) state two factors that influence the development of Nucleated settlement. (2mks)
(b) Outline three characteristics of the central business district. (3mks)
- (5) (a) what is containerization? (2mks)
(b) state three advantages of containerization (3mks)

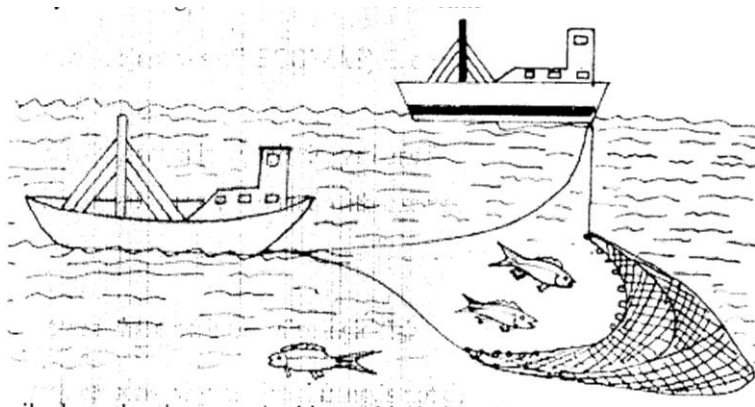
SECTION B (75MARKS)

(6) Use the following table to answer the questions that follow. Value of export crops Kenya (Kshs. millions)

Crop	2008
Tea	33065
Coffee	12029
Horticulture	17641
Tobacco and products	1554
TOTAL	64,289

- (a) i)** using a scale of 1cm to represent Ksh. 5millions, draw a divided rectangle for kenya's export in 2008. **(9mks)**
- ii)** Give the meaning of a balance of payments **(1mk)**
- iii)** Balance of trade **(1mk)**
- (b)** state two objectives of (ECOWAS) Economic community of West African states **(2mks)**
- (c)** explain four ways in which Kenya benefits by being a member of COMESA **(8mks)**
- (d)** state four problems associated with international trade **(4mks)**

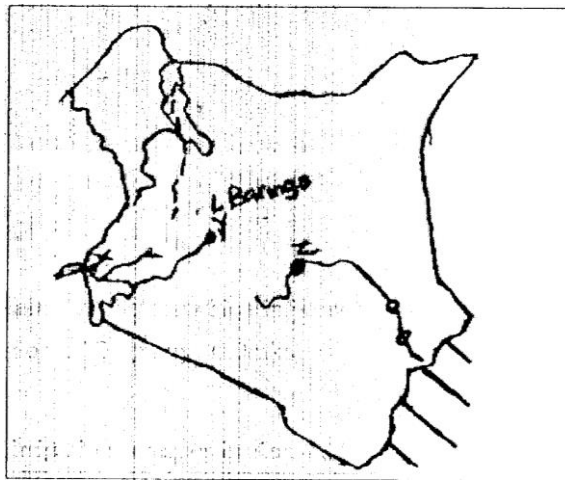
- (7) a) i)** identify three characteristics of pelagic fish **(3mks)**
- ii)** state three reasons why marine fishing is not developed in Kenya. **(3mks)**
- b)** Why should the Government of Kenya encourage fish farming **(4mks)**
- c) i)** identify the fishing method shown below **(1mk)**



- ii)** Describe how the above method is used in Lake Victoria **(4mks)**
- iii)** State two problems facing fishing in Japan **(2mks)**
- d)** Explain factors that favour fishing in the pacific fishing grounds **(8mks)**

- (8) a) i)** why should a country industrialize **(3mks)**
- ii)** Give two causes of industrial inertia **(2mks)**
- b) i)** Identify three characteristics of the cottage industry in India **(3mks)**
- ii)** Give two classifications of industries based on their nature **(2mks)**
- c) i)** Give five reasons why the government of Kenya encourages the development of cottage industry **(5mks)**
- ii)** Explain five factors which influence the location of iron and steel industry in the Ruhr region of Germany **(10mks)**

(9) The distribution of irrigation schemes in Kenya



Use the above map of Kenya to answer questions 7 a (i) and (iii)

- (a) i)** identify the irrigation schemes marked X,Y, Z and in each case the main crop grown **(6mks)**
- ii)** Explain four factors that led to the location of irrigation scheme marked Y. **(8mks)**
- iii)** State four problems that are experienced in the irrigation marked Z **(4mks)**
- (b)** What is a polder? **(2mks)**
- (c)** Give five benefits of the Zuyder Zee project. **(5mks)**
- (10)a) i)** Distinguish between environmental management and environmental conservation. **(2mks)**
- ii)** Explain four ways through which water is polluted **(8mks)**
- b) i)** outline three environmental hazards resulting from human activity **(3mks)**
- ii)** Give four reasons why conserving the environment is important. **(4mks)**
- c)** Explain four ways in which the ozone layer is important to life on earth **(8mks)**

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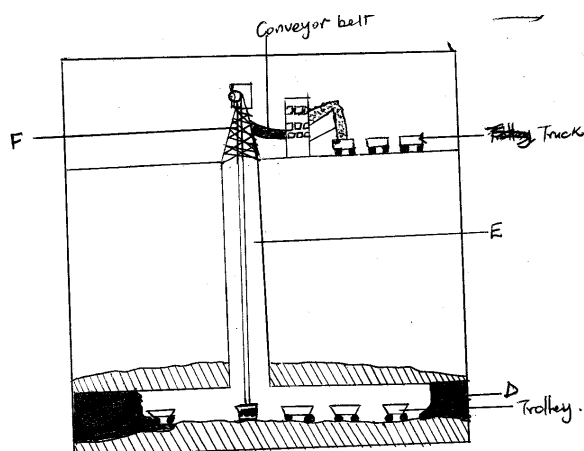
GEOGRAPHY

Paper 2

Time 2 hours 45 min.

SECTION A

1. (a) The diagram below shows a mining drill. Name the parts marked D, E & F. (2mks)



- (b) State two factors necessary for the occurrence of oil. (2mks)
2. (a) Give two characteristics of softwood forests in Canada. (2mks)
- (b) State three problems that affect forestry in Canada. (3mks)
3. (a) State three physical conditions necessary for the growing of cocoa. (3mks)
- (b) Outline two problems which are experienced in cocoa farming in Ghana. (2mks)
4. (a) Distinguish between balance of trade and balance of payment. (2mks)
- (b) State three efforts made by the Kenya government to promote external trade. (3mks)
5. (a) Identify three causes of lightening. (3mks)
- (b) State two advantages of windstorms. (2mks)

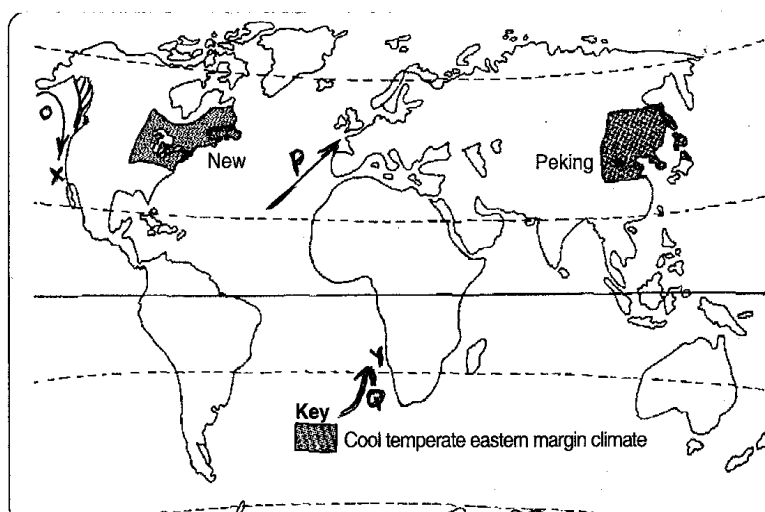
SECTION B

6. The photograph below shows beef farming in Kenya. Use it to answer question (a).



- (a) (i) Identify the type of photograph. (1mk)
- (ii) Describe the features shown on the photograph. (3mks)
- (iii) What indicators show that the area is suitable for beef farming. (3mks)
- (b) Explain four measures taken by the Kenyan government to improve beef farming in Kenya. (8mks)
- (c) (i) Name two exotic beef cattle kept in Argentina. (2mks)
- (ii) List two areas in Argentina where beef cattle rearing is practised. (2mks)
- (iii) Explain three physical factors favouring beef farming in Argentina. (6mks)

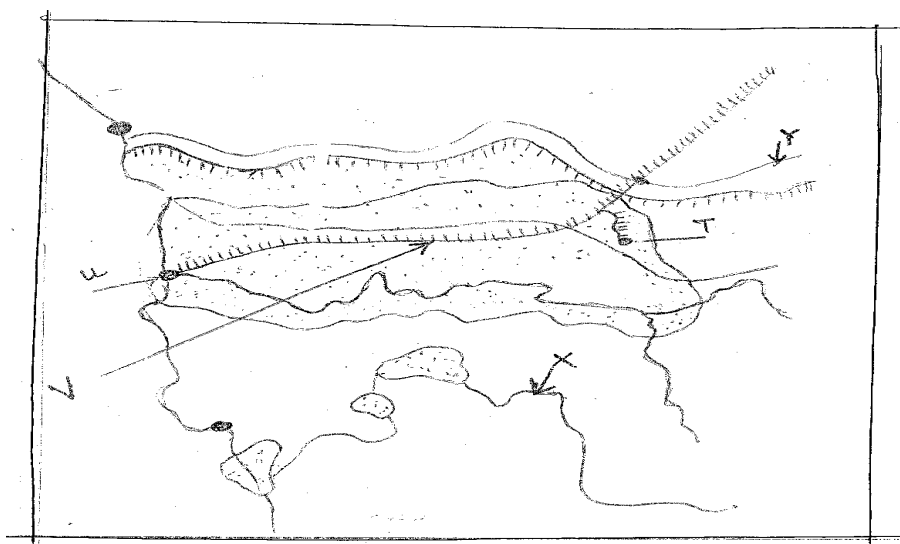
7. (a)(i) Name three types of fish. (3mks)
- (ii) State three conditions for the growth of planktons in the ocean. (3mks)
- (b) Study the world map provided and answer the questions that follow.



- (i) Name the fishing grounds marked X & Y. (2mks)
- (ii) Identify the Ocean currents marked O, P, Q. (3mks)
- (c) Describe three major physical conditions that favour development of fishing ground X. (6mks)
- (d)(i) Apart from Purse seine method, name three modern methods of fishing. (3mks)
- (ii) Describe how purse seine method is used to catch fish. (5mks)

8. (a)(i) What is geothermal power? (2mks)
- (ii) Mention three locational sites of geothermal power production in Kenya. (3mks)
- (iii) State four problems facing geothermal power development in Kenya. (4mks)
- (b)(i) Give three reasons why Kenya must develop wind energy. (3mks)
- (ii) Name three areas in Kenya where wind mills have been installed. (3mks)
- (c)(i) What is management of energy. (2mks)
- (ii) Explain four measures taken by the Kenya government to manage and conserve energy. (8mks)

9. (a) Define the term cottage industry. (2mks)
- (b) Outline four reasons why the county government of Nakuru should encourage foreign investors to establish jua-kali industries in the county. (4mks)
- (c) Explain three factors which may lead to industrial inertia. (6mks)
- (d) The map below represents the Ruhr industrial region of Germany. Use it to answer the questions that follow.



Ruhr – industrial Region and Transportation Lines

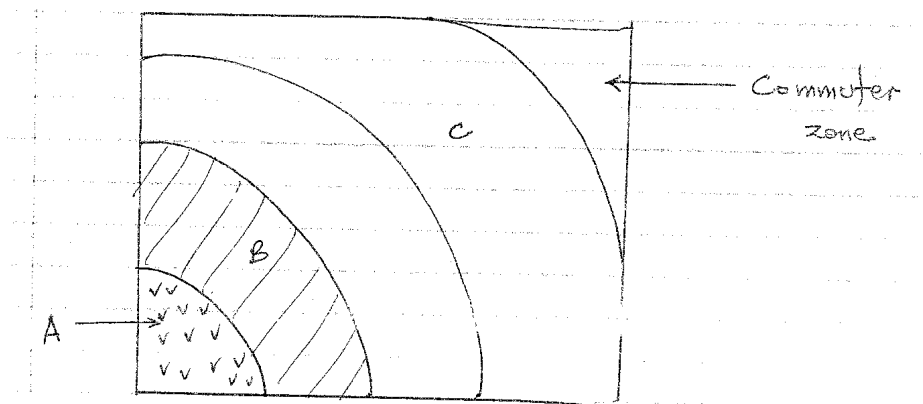
- (i) Name the rivers marked X and Y. (2mks)
- (ii) Identify the towns labeled T and U. (2mks)
- (iii) Name the canal labeled V. (1mk)
- (iv) Name any two forms of power used in the Ruhr region apart from coal. (2mks)
- (v) Explain three factors that led to the growth of industries in the Ruhr region. (6mks)

10. (a)(i) What is urbanization? (2mks)

(ii) State three physical factors which influence the location of settlement. (3mks)

(b) Give three social problems experienced in Kisumu city. (3mks)

(c) The diagram below represents the functional zones of an urban centre. Use it to answer questions (i) and (ii).



(i) Name the zone marked B. (1mk)

(ii) Give four characteristics of the zone A. (4mks)

(d) Explain three factors that led to the growth of growth of Eldoret Town.

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QUESTION PAPER NO: 7

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GEOGRAPHY

Paper 2

Time 2 hours 45 min.

- 1.(a) Define the term transhumance. (2mks)
- (b) State **three** characteristics of nomadic pastoralism. (3mks)
2. State **five** factors which influence nucleated settlement pattern. (5mks)
- 3.(a) What is a cottage industry. (2mks)
- (b) Give **three** reasons why the government of Kenya encourages the establishment of Jua Kali Industries. (3mks)
- 4.(a) What is air pollution? (2mks)
- (b) State **three** negative effects of uncollected garbage on the environment. (3mks)
- 5.(a) Name **two** main reclamation projects in the Netherlands. (2mks)
- (b) State **three** reasons for reclaiming swamps in Kenya. (3mks)

SECTION B:

6. The table below shows agricultural crops produced in Kenya in the year 2008 to 2011.

Use it to answer question (a).

Crops	Amount in metric tonnes			
	2008	2009	2010	2011
Tea	240,000	314,000	399,000	405,000
Coffee	98,000	54,000	42,000	55,000
Wheat	70,000	37,000	54,000	66,000
Others	165,000	180,000	147,000	155,000

(a) (i) Using a scale of 1cm to represent 100,000 metric tones, draw a compound bar graph to represent the data above. (6mks)

(ii) State **two** advantages of using compound bar graphs to represent geographical data. (2mks)

(b) State **five** physical factors that favour coffee growing in the Kenya highlands. (5mks)

(c) Describe the stages involved in coffee production from harvesting to marketing. (6mks)

(d) Compare coffee farming in Kenya and Brazil under the following sub-headings.

• Growing areas. (2mks)

• Processing. (2mks)

• Labour. (2mks)

7.(a) (i) What is rural settlement? (2mks)

(ii) State **three** characteristics of rural settlement. (3mks)

(b) Explain **three** factors that led to the growth of Kisumu town. (6mks)

(c) Explain how the following problems facing Kisumu town can be solved.

(i) Pollution. (2mks)

(ii) Crime. (2mks)

(iii) Unemployment. (2mks)

(d) Explain how the port of Rotterdam differs from the port of Mombasa. (8mks)

8.(a)(i) Apart from coal name **three** other non-renewable sources of energy. (3mks)

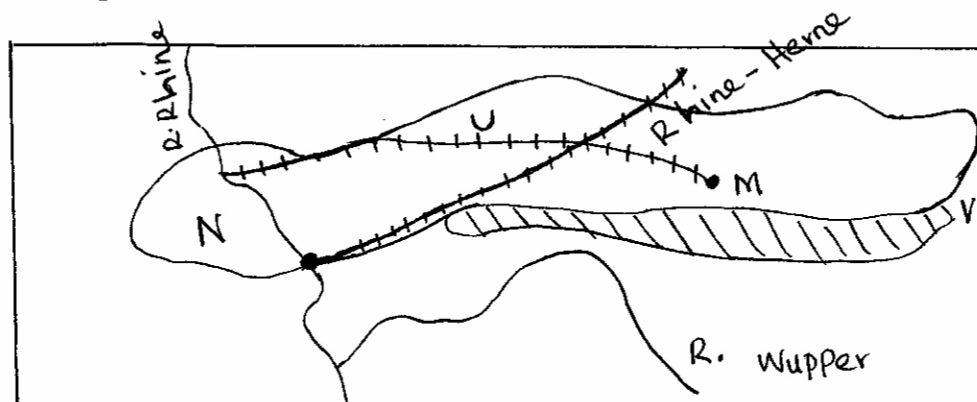
(ii) State **four** reasons why there has been a decline in the use of coal as a source of energy. (4mks)

(iii) Give **three** advantages of using wind energy. (3mks)

(b) Name **two** examples of agricultural non-food processing industries in Kenya. (2mks)

(c) Below is a sketch map of the Ruhr industrial region.

Use it to answer question (i).



(i) Name:

• The canal marked U. (1mk)

• The river marked V. (1mk)

• The town marked M. (1mk)

(ii) Explain **three** factors which led to the growth of iron and steel industry in the Ruhr region of Germany. (6mks)

(d) Explain **two** environmental problems which have resulted from the development of car manufacturing industry in Japan. (4mks)

9.(a)(i) What is forestry? (2mks)

(ii) Define agro-forestry? (2mks)

(b) Explain how the following factors influence the distribution of natural forest.

(i) Climate. (4mks)

(ii) Altitude. (2mks)

(iii) Soil. (2mks)

(c) Give

(i) **Three** characteristics of softwood in Kenya. (3mks)

(ii) **Four** characteristics of softwood in Canada. (4mks)

(d) Explain **three** positive significances of forests products in Kenya. (6mks)

- 10.(a)(i)** Define the term pollution. **(2mks)**
- (ii)** State **four** causes of land pollution. **(4mks)**
- (b) (i)** Name **two** areas in Kenya which occasionally experience flooding. **(2mks)**
- (ii)** Explain **three** major causes of widespread flooding in Kenya. **(6mks)**
- (iii)** State **four** methods used in controlling and managing floods in Kenya. **(4mks)**
- (c)(i)** State **three** problems caused by lighting. **(3mks)**
- (ii)** Give **four** measures used to control and manage lighting in Kenya. **(4mks)**

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QUESTION PAPER NO: 8

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GEOGRAPHY

Paper 2

Time 2 hours 45 min.

SECTION A

- 1.a) Name two international airports in Kenya. 2mks
- b) Give three advantages of using mobile phones. 3mks
- 2.a) Name any three modern fishing methods. 3mks
- b) List two main types of fish. 2mks
- 3.a) Identify three factors that have led to the growth of Thika town. 3mks
- b) State two causes of urban-rural migration. 2mks
- 4.a) Name three types of settlement patterns. 3mks
- b) State two causes of dispersed settlement pattern. 2mks
- 5.a) Define ecotourism. 2mks
- b) Give three reasons why the Kenyan Government is promoting domestic tourism. 3mks

SECTION B

6. The data below represents minerals mined in Kenya in the year 2007 in metric tonnes. Use it to answer the following questions.

MINERAL	AMOUNT IN METRIC TONNES
Flouspar	242,180
Soda ash	190,260
Diatomite	120,340
Salt	27,440
Total	580,220

a.i) Draw a simple divided rectangle measuring 10cm long to represent minerals production in Kenya in the year 2007. **7mks**

ii) State two advantages of using divided rectangle. **2mks**

iii) Name two other statistical methods that could have been used to represent the data above. **2mks**

b) State two negative effects of open cast mining. **2mks**

c) Explain three factors influencing the exploitation of minerals. **6mks**

d) Name any three oil producing countries in the Middle East. **3mks**

e) Describe panning as a method of mining. **3mks**

7.a) Differentiate between forest and forestry. **2mks**

b) Give three examples of indigenous hardwood species found in Kenya. **3mks**

c) Explain three factors that influence the distribution of natural forests in Kenya. **6mks**

d) Describe the stages of lumbering in Canada. **4mks**

e) Explain five factors favouring forestry in Canada. **10mks**

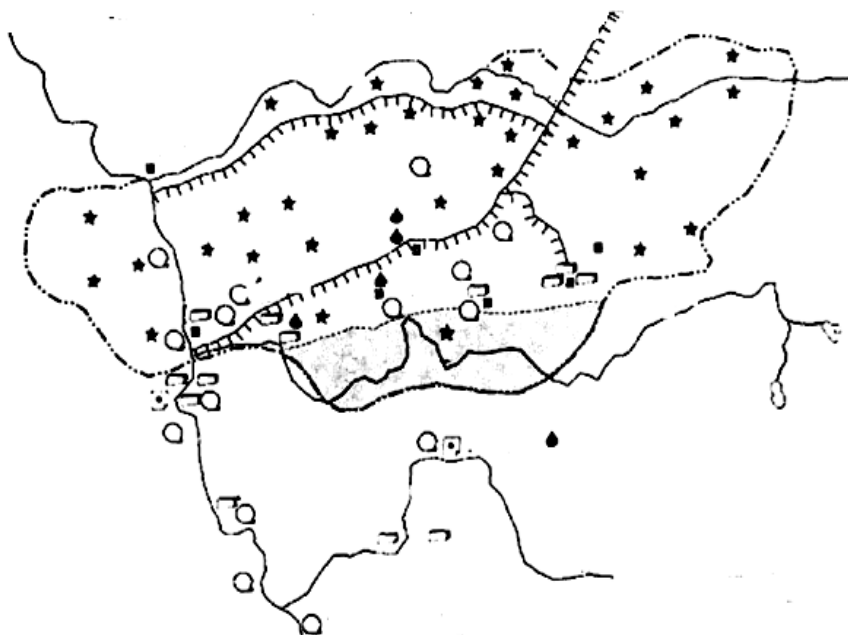
8.a) Name three types of beef cattle reared in Argentina. **3mks**

b) State four characteristics of cattle ranching. **4mks**

c) Explain four factors that favour beef farming in Argentina. **8mks**

d) Explain five challenges hindering the development of beef farming in Kenya. **10mks**

- 9.a. i)** Differentiate between processing and manufacturing. **2mks**
- ii)** Give three types of industries. **3mks**
- iii)** State four significance of industrialization to the Kenyan economy. **4mks**
- b.i)** Outline four characteristics of cottage industries. **4mks**
- ii)** Explain three factors that have led to development of cottage industries in India. **6mks**
- c.** Use the sketch map of Ruhr industrial region below to answer questions that follow.



i) Name:

- Canal marked A **1mk**
- Town marked B **1mk**
- River marked C **1mk**

d) State three factors favouring development of iron and steel industry in Ruhr Industrial Region. **3mks**

- 10.a i)** Give two sources of non renewable energy. **2mks**
- ii)** Define renewable sources of energy. **2mks**
- iii)** Give three sources of Biomass source of energy. **3mks**
- b.** Outline three advantages of solar energy. **3mks**
- c.** What has led to the decline of the use of coal as a source of energy? **3mks**
- d.** Explain four reasons why the Kenya Government is exploring on different sources of energy. **8mks**
- e.** State four impacts of energy crisis in the world. **4mks**

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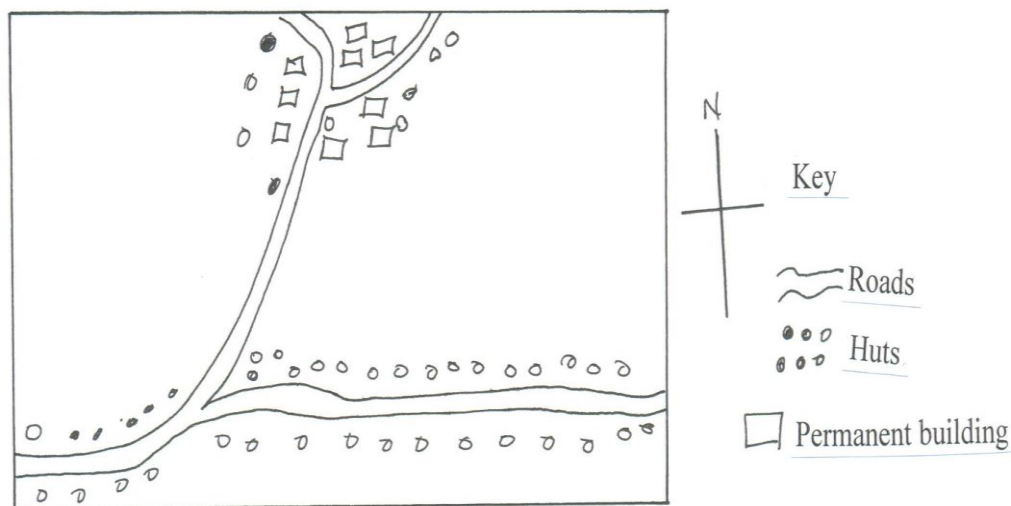
GEOGRAPHY

Paper 2

Time 2 hours 45 min.

SECTION A (25 MARKS)

1. (a) Give **two** reasons why there is little railway linkage among Africa countries. (2mks)
(b) State **three** benefits of Trans-African highway to the countries it passes. (3mks)
2. (a) State **three** physical factors which influence the location of settlements. (3mks)
(b) Use the sketch map below to answer questions (i) and (ii) below



Name the main settlement pattern in

- (i) Northern part of the area represented by the map. (1mk)
- (ii) Southern part of the area represented by the map . (1mk)

- 3.(a) What is urbanization (2mks)
- (b) State **three** factors which have led to the development of Mombasa as a major sea port in the region (3mks)
- 4.(a) State **three** main characteristics of Kenya's export goods (3mks)
- (b) Identify **two** ways by which the European Union is bridging the gap in economic development between the richest and the poorest member states (2mks)
5. (a) List **two** Jua kali industries which are located in rural areas of Kenya (2mks)
- (b) Suggest **three** ways in which the Kenya government can promote the development of the Jua kali industries (3mks)

Section B

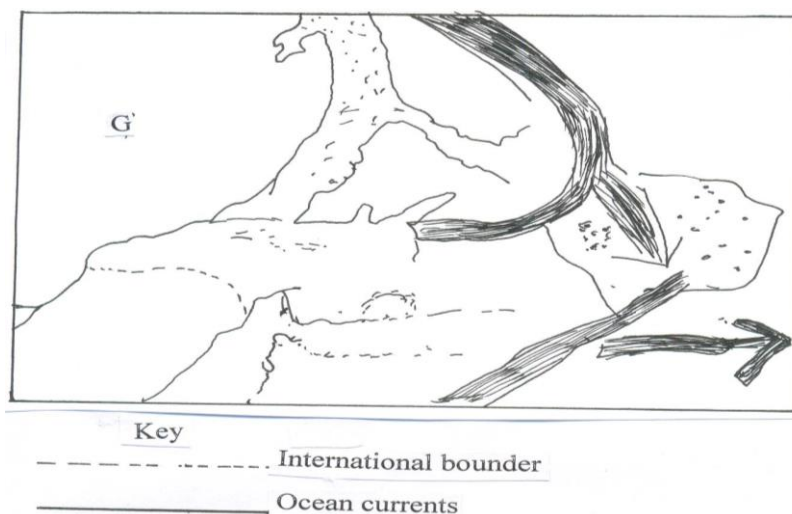
6. The table below shows palm oil production in '000' liters between 2005 and 2008.

Use it to answer question (a) and (b)

Zones	2005	2006	2007	2008
Sapele	41	51	58	49
Calabar	30	41	52	60
Ibadan	27	36	48	50
Onitisha	26	22	17	11

- (a) Using a vertical scale of 1cm to represent 10,000 liters draw a compound bar graph to represent the above data (7mks)
- (ii) State **three** characteristics of a compound bar graph (3mks)
- (b) Give **three** physical conditions that favour growing of oil palm in Nigeria (3mks)
- (c) (i) Describe any **three** geographical conditions favoring maize growing (6mks)
- (ii) Apart from Trans-Nzoia District name any other **two** counties where maize is grown in large scale in Kenya (2mks)
- (iii) Identify **four** characteristics of horticulture in Kenya (4mks)

- 7.(a)(i) Apart from water and air pollution name **two** other types of pollution (2mks)
- (ii) Identify **three** ways through which water is polluted (3mks)
- (iii) Explain **three** effects of air pollution on the environment (6mks)
- (b) (i) Explain **three** factors that lead to the frequent flooding in the lake region of Kenya (6mks)
- (ii) Explain **two** ways through which floods are controlled in the lake region of Kenya (4mks)
- (c) State **four** effects of wind as an environmental hazard in Kenya (4mks)
- 8.(a)(i) What is land rehabilitation? (2mks)
- (ii) List **three** methods of rehabilitating land in Kenya (3mks)
- (b)(i) Explain **four** physical factors that influenced the establishment of Perkerra irrigation scheme (8mks)
- (ii) Name **two** crops planted in Perkerra irrigation scheme (2mks)
- (c) Describe the steps which are followed in reclaiming land for agricultural use in the Netherlands (6mks)
- (d) State **three** land use of polder land in Netherlands (3mks)
- 9.(a)(i) Define international trade (2mks)
- (ii) Name **three** major imports from Europe to Kenya (3mks)
- (b) State **four** factors that influence external trade in Kenya (4mks)
- (c) Explain **four** ways through which Kenya will benefit from the renewed East African cooperation (8mks)
- (d) Explain four negative effects of international trade (8mks)



10. Use the map of North – West Atlantic above to answer questions (a) and (b)

- (a) (i) Name the country marked G **(1mk)**
(ii) Explain how the **two** ocean currents showing on the map influence fishing in the area **(4mks)**
- (b) Explain **three** factors that favour fishing in the areas shaded on the map other than the ocean Currents **(6mks)**
- (c) (i) Explain why in East Africa fresh water is more developed than marine fishing **(6mks)**
(ii) Describe how trawling method is used to catch fish **(5mk)**
(iii) List **three** methods used to preserve fish **(3mks)**

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GEOGRAPHY

Paper 2

Time 2 hours 45 min.

SECTION A:

- 1.(a) State **two** methods of mining. (2mks)
(b) State **three** problems facing diamond mining in South Africa. (3mks)
2. (a) State **three** causes of urban-rural migration. (3mks)
(b) Give **two** reasons for rapid population growth. (2mks)
- 3.(a) Give **two** physical conditions favouring beef farming in Argentina. (2mks)
(b) State **three** human activities that interfere with wildlife. (3mks)
- 4.(a) State **three** main characteristics of cottage industries in Kenya. (3mks)
(b) Give **two** ways in which industrial pollution is a health hazard. (2mks)
- 5.(a) Give **three** reasons why road transport is used more in Kenya than air transport. (3mks)
(b) List **two** disadvantages of using railway transport in Kenya. (2mks)

SECTION B:

6. The table below shows Kenya's horticultural produce in 1996 – 2000 in tonnes.

Commodity/year	1996	1997	1998	1999	2000
Flowers	200	240	250	280	285
Vegetables	116	135	138	170	175
Fruits	40	30	45	50	45

- (a) Using a vertical scale of 1cm represent 50 tonnes, draw a group line graph to represent the data above. (7mks)
- (b) State **three** advantages of using group line graph. (3mks)
- (c) Distinguish between market gardening and horticulture. (2mks)
- (d) Explain **four** factors that favour horticulture in Netherlands. (8mks)
- (e) State **five** factors that hinder development of horticulture in Kenya. (5mks)
7. (a) (i) Apart from draining of swamps, give **two** other methods through which land has been reclaimed in Kenya. (2mks)
- (ii) Give **two** methods that one used to drain swamps in Kenya. (2mks)
- (b) (i) Name **two** rivers that supply water to the Mwea Tebere Irrigation Scheme. (2mks)
- (ii) Explain how the following factors influenced the establishment of Mwea Tebere Irrigation Scheme.
- Topography. (2mks)
 - Soils. (2mks)
 - Population. (2mks)
 - Government policy. (2mks)
- (c) (i) Name **three** areas which make up the Zuider Zee reclamation project in the Netherlands. (3mks)
- (ii) Give **four** differences between land reclamation in Kenya and the Netherlands. (8mks)

8. (a) (i) Apart from windstorms name two other environmental hazards associated with climatic conditions.

(2mks)

(ii) State **three** problems caused by windstorms in Kenya.

(3mks)

(b) (i) Name **two** rivers in Kenya to the West of the Rift Valley which cause large scale flooding. (2mks)

(ii) Explain **four** problems caused by floods.

(8mks)

(c) (i) Explain **three** effects of land pollution on the environment.

(6mks)

(ii) State **four** ways through which land pollution can be controlled.

(4mks)

9. (a) (i) Define the term fisheries.

(2mks)

(ii) Name **two** countries in Southern Africa that are important for marine fish production.

(2mks)

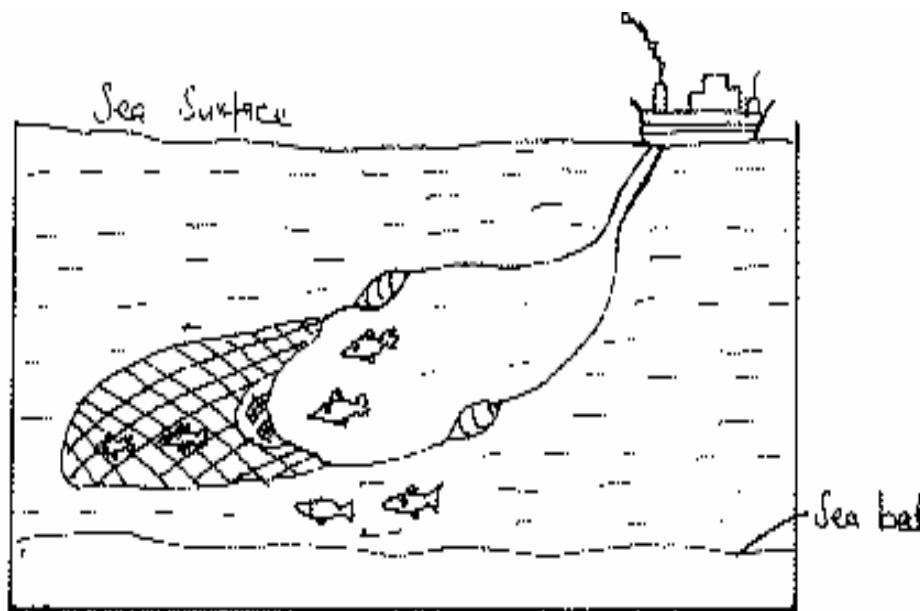
(b) (i) State **four** problems experienced in marketing fish in Kenya.

(4mks)

(ii) State **four** ways in which Kenya is promoting the fishing industry.

(4mks)

(c) The diagram below shows a fishing method.



(i) What method is shown above?

(1mk)

(ii) Describe how the method is used in catching fish.

(4mks)

(d) Explain **four** factors that favour fishing industry in Japan.

(8mks)

- 10.(a)(i)** State **two** factors that lead to the development of nucleated settlement patterns. **(2mks)**
- (ii)** Give **three** social functions of Kisumu town. **(3mks)**
- (b)** Explain **three** positive effects of urbanization to a country. **(6mks)**
- (c)** Explain **four** factors that have led to the growth of Eldoret town as a major town in Kenya. **(8mks)**
- (d)** Compare the parts of Mombasa and Rotterdam under the following sub-headings.
- (i)** Site. **(2mks)**
 - (ii)** Transport links to the interior. **(2mks)**
 - (iii)** The hinterland. **(2mks)**

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