

GEOGRAPHY MOCKS

COMPRISES OF 10 TRIALS OF MOCKS

(BOTH PAPER 1 AND PAPER 2 ARE PRESENT IN EACH TRIAL)



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(SERIES 1)

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QUESTIONS ARE FREE OF CHARGE

NAME.....ADM NO.....

SCHOOL.....CLASS.....

DATE.....

GEOGRAPHY MOCKS

TRIAL 1 PAPER 1

Kenya Certificate of Secondary Exams

TIME:2HRS

INSTRUCTIONS TO STUDENTS

- *This paper has two sections A and B.*
- *Answer ALL the questions in section A. In section B answer questions 6 and any other TWO questions.*

FOR EXAMINER'S USE ONLY

SECTION	QUESTIONS	MAXIMUM	CANDIDATE'S SCORE
A	1-5	25	
B	6	25	
	7	25	
	8	25	

SECTION A

Answer all the questions in this section.

1.(a) What is the solar system? (2 marks)

(b) State three characteristics of crust (3 marks)

2. The diagram below shows a wealth measuring instrument. Use it to answer the following questions.



- (a) Identify the instrument (1 mark)
- (b) Describe how the instrument functions (4 marks)
3. (a) Apart from normal faults, identify three other types of faults. (3 marks)
- (b) Name two block mountains found in the East Africa. (2 marks)
4. (a) Define earthquakes (2 marks)
- (b) State three physical causes of earthquakes (3 marks)
- 5 (a) Apart from exfoliation, name two other physical weathering processes in fault by the temperature changes. (2 marks)
- (b) Describe exfoliation process. (3 marks)

SECTION B

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

6. Study the map of Taita hills (1:50, 000) (sheet 189/4) provided and answer the following questions:
- (a) (i) What is the bearing of the peak of Mwatunge hill in grid square 3214 from the water tank in grid square 2619? (2 marks)
- (ii) Give the latitudinal and longitudinal position of the South East corner of the map extract. (2 marks)
- (iii) Calculate the area of Teita Sisal Estate. (2 marks)

(b) (i) Give three types of natural vegetation found in the area covered by the map. (3 marks)

(ii) Identify two forms of land transport found in the area covered by the map. (2 marks)

(c) (i) Using a vertical scale of *1cm to represent 40 meters*, draw a cross-section along the northing 19 from Easting 33 to Easting 40. (4 marks)

(ii) On it mark and name the following (3 marks)

- A steep slope
- River
- Hill

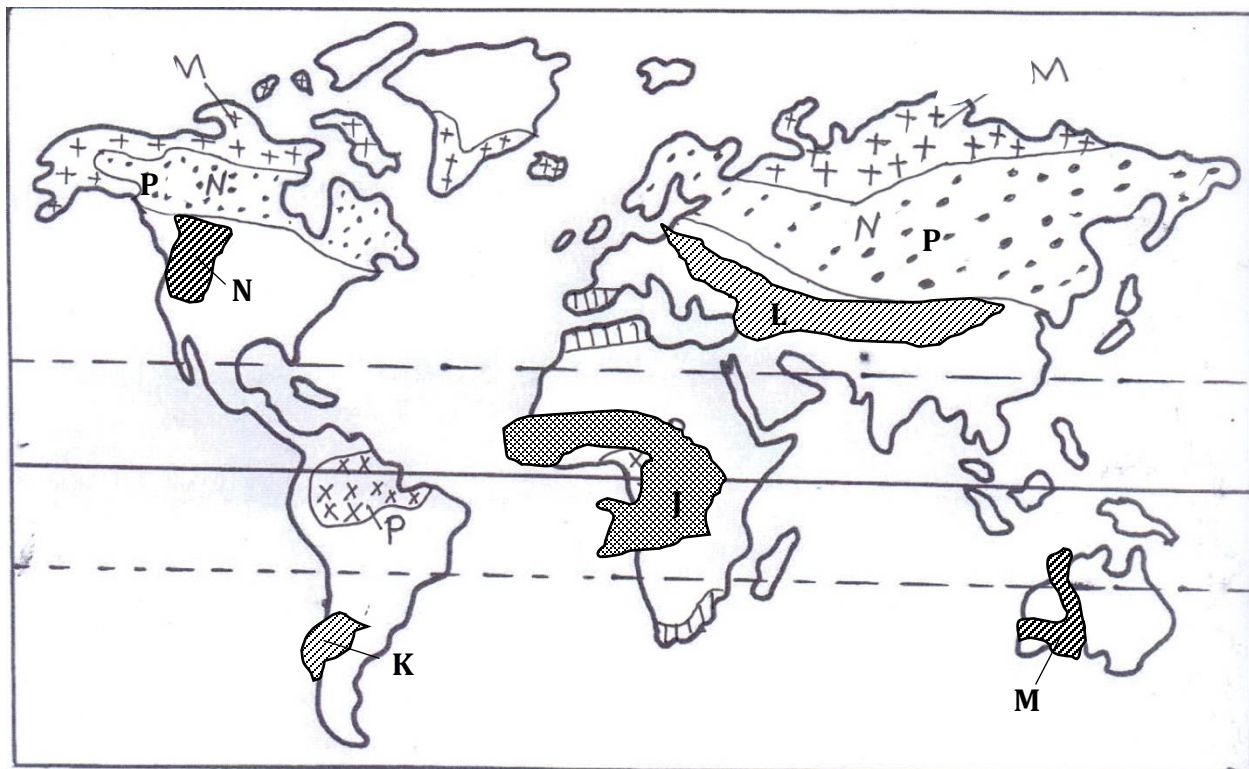
(d) (i) Describe the distribution of settlements in the area covered by the map. (5 marks)

(ii) Citing evidence from the map, give two economic activities carried out in the area covered by the map other than sisal farming. (2 marks)

7. (a)(i) What is vegetation ? (2 marks)

(ii) Differentiate between natural vegetation and secondary vegetation. (2 marks)

(b) The world map below shows vegetation regions. Use it to answer the following questions.



- (i) Identify the grasslands marked J, K, L, M and N. (5 marks)
- (ii) Name the type of vegetation found in the region marked P (1 mark)
- (c) Describe the characteristics of tropical rainforest vegetation. (7 marks)
- (d) Explain four ways in which the desert vegetation adapts to the environmental conditions of the region. (8 marks)
8. (a)(i) What is underground water? (2 marks)
- (ii) Explain how the following factors influences the presence of underground water.
- Amount of rainfall (2 marks)
 - Vegetation cover (2 marks)
 - Slope gradient (2 marks)
- (b)(i) What is an artesian basin? (2 marks)
- (ii) State three conditions that lead to the formation of an artesian basin. (3marks)
- (c) (i) Identify three factors which influence the formation of Karst features. (3 marks)
- (ii) State four significance of Karst regions. (4 marks)

(d) Your class is planning to carry out a field study in a Karst landscape.

(i) Give **two** reasons why it is important to seek permission from the school administration. **(2 marks)**

(ii) Identify **three** challenges that you can likely to encounter during the field study. **(3 marks)**

9. (a) Differentiate between moraine and fluvial glacial deposits. **(2 marks)**

(b) Explain **three** factors which influence glacial erosion. **(6 marks)**

(c) Describe the formation of the following glacial features.

(i) Corrie **(6 marks)**

(ii) Crag and tail **(5 marks)**

(d) Explain **three** significance of lakes to human activities. **(6 marks)**

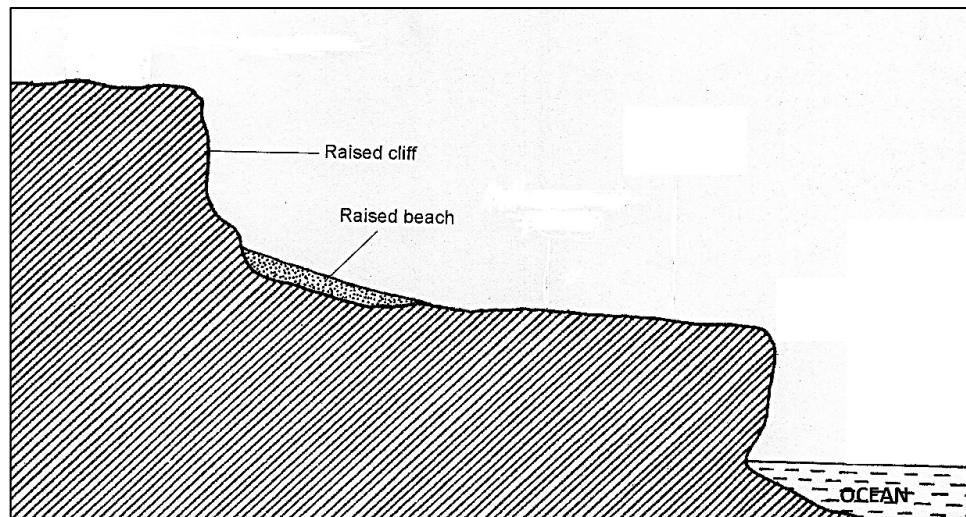
10. (a) (i) Define the term ocean. **(2 marks)**

(ii) Describe how wave erosion occurs through corrasion. **(3 marks)**

(b) With the aid of well labelled diagrams describe how a stump is formed.

(9 marks)

(c) Study the diagram below and answer the question that follow;



(i) Identify the type of coast represented by the diagram. **(1 mark)**

(ii) State **four** factors influencing the development of the above type of coast.

(4 marks)

(d) Explain **three** significance of coastal features to human activities. **(6 marks)**

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GEOGRAPHY MOCKS

SERIES 1 TRIAL 1 PAPER 2

Kenya Certificate of Secondary Exams

TIME:2HRS

INSTRUCTIONS TO STUDENTS

- *This paper has two sections A and B.*
- *Answer ALL the questions in section A. In section B answer questions 6 and any other TWO questions.*

FOR EXAMINER'S USE ONLY

SECTION	QUESTIONS	MAXIMUM	CANDIDATE'S SCORE
A	1-5	25	
B	6	25	
	7	25	
	8	25	

SECTION A

Answer all the questions in this section.

1. (a) What is the relationship between Geography and History? (2 marks)
(b) Identify **three** sub-branches of Geography *in* human and social sciences. (3 marks)
2. (a) What is a mineral ore? (2 marks)
(b) State **three** ways in which mineral ores occur in the crust. (3 marks)
3. (a) Distinguish between a forest and forestry. (2 marks)
(b) State four factors that influence the distribution of forests in Kenya. (3 marks)
4. (a) What is nomadic pastoralism? (2 marks)
(b) Give **three** reasons why nomadic pastoralists keep large herds of animals. (3 marks)
5. (a) Name **two** types of environments. (2 marks)
(b) State **three** consequences of environmental degradation. (3 marks)

SECTION B

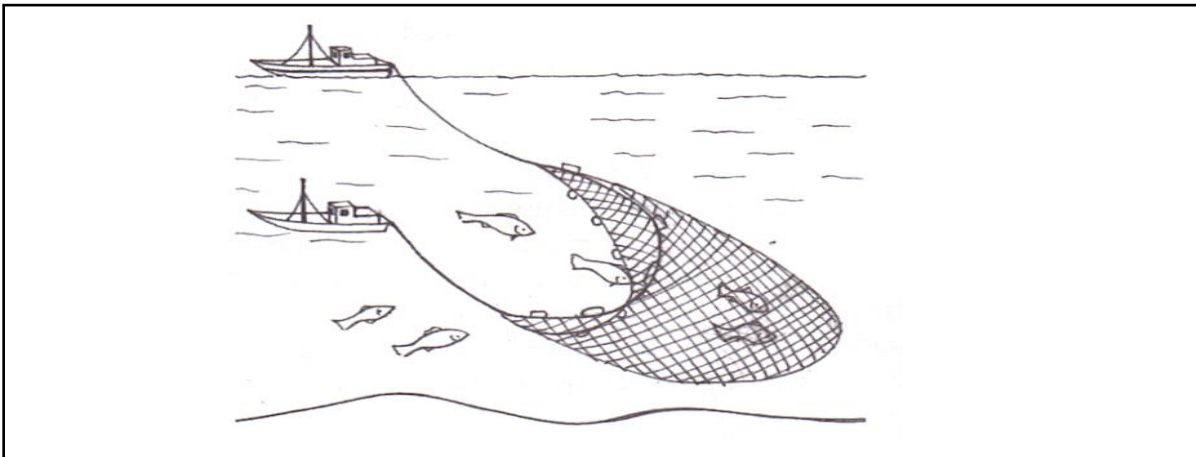
*Answer question 6 and any other **TWO** questions from this section.*

6. *Study the photograph below and use it to answer the questions that follow*



- (a) (i) Identify the type of photograph shown above. **(1 mark)**
- (ii) Identify two counties to the East of the Rift valley where the crop is grown. **(2 marks)**
- (b) Draw a rectangle measuring 8cm by 5cm. On it, sketch and label the main features. **(7 marks)**
- (c) State the physical conditions that favour coffee farming in Kenya. **(5 marks)**
- (d) Explain five differences between coffee farming in Kenya and Brazil. **(10 marks)**

7. (a) (i) What is fish farming? **(2 marks)**
- (ii) State four significance of fish farming. **(4 marks)**
- (b) Use the diagram below to answer the following questions.



- (i) Identify the fishing method. **(1 mark)**
- (ii) Describe how the method above is used to catch fish. **(6 marks)**
- (c) State three problems encountered by fishermen while fishing in Lake Victoria. **(3 marks)**
- (d) Explain four reasons why marine fishing is less developed in East Africa. **(8 marks)**
8. (a)(i) Define the term wildlife. **(2 marks)**
- (ii) Explain how the following factors has influenced distribution of wildlife in East Africa.
- Vegetation cover **(2 marks)**

• Rainfall variations (2 marks)

• Human factors (2 marks)

(b) (i) Identify four tourist attractions along the coast. (4 marks)

(ii) State five ways in which tourism in Kenya and Switzerland are similar. (5 marks)

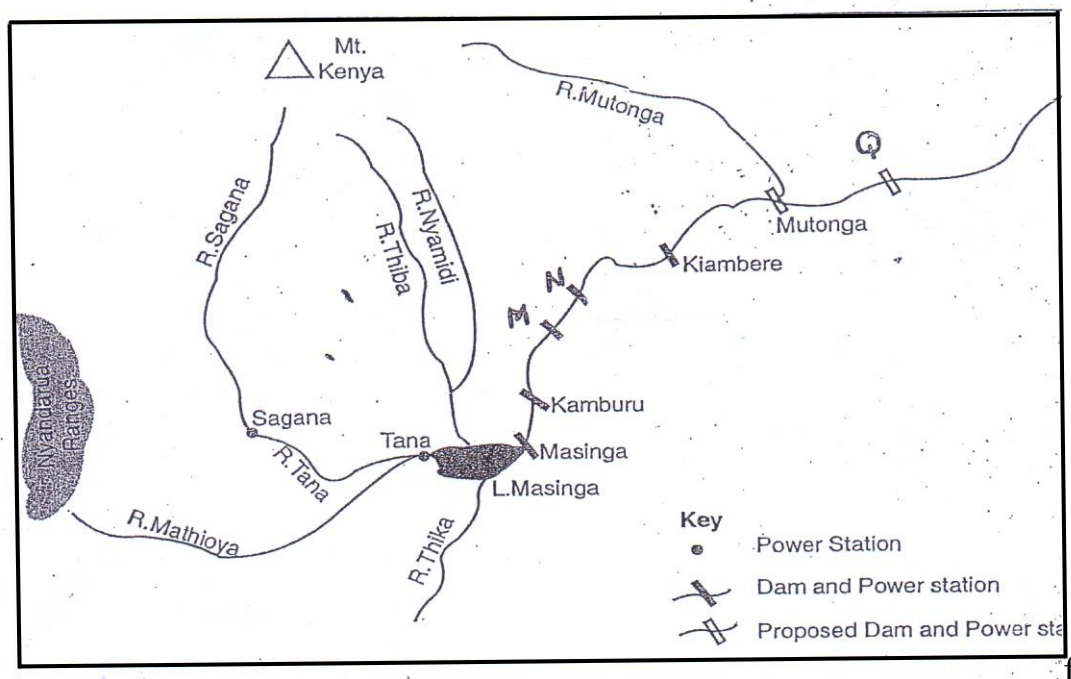
(c) Explain the significance of tourism to Kenya's economy. (8 marks)

9. (a) (i) Name three non-renewable sources of energy. (3 marks)

(ii) Give three disadvantages of using wood as a source of fuel.

(3 marks)

(b) The diagram below shows the Kenya's hydroelectric power stations along River Tana.



(i) Name the H.E.P stations marked M and N. (2 marks)

(ii) Name waterfall marked Q. (1 mark)

(iii) Apart from natural waterfalls, state three other physical factors that led to the establishment of seven hydroelectric power projects along river Tana. (3 marks)

(c) (i) Identify two areas in Kenya where wind energy is harnessed. (2 marks)

(ii) Give **three** advantages of wind energy. (3 marks)

(d) (i) Define energy crisis. (2 marks)

(ii) Explain the effect of energy crisis under the following sub-heading.

- Agriculture (2 marks)

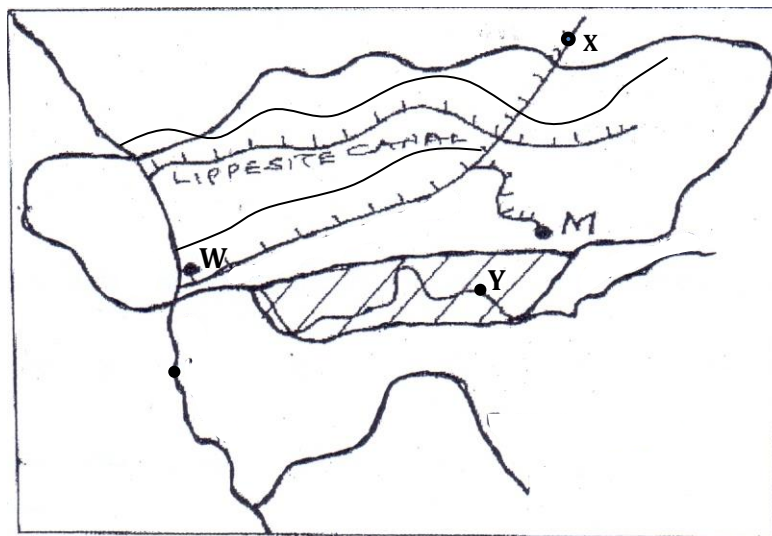
- Tourism (2 marks)

- Industries (2 marks)

10. (a) (i) What is a cottage industry? (2 marks)

(ii) Give **four** reasons why the government of Kenya encourages the establishment of Jua kali industries. (4 marks)

(b) Study the sketch map shown below of the Ruhr industrial region. Use it to answer question (i).



(i) Name the canal marked X. (1 mark)

(ii) Name the river marked Y. (1 mark)

(iii) Name the town marked W. (1 mark)

(c) (i) Show how the government may solve the following problems facing industries in Kenya.

- Competition from cheap imports. (1 mark)

- High cost of energy/electricity (1 mark)

- Limited market. (1 mark)

- (ii) Explain *three* factors that favoured car manufacturing industry in Japan. **(6 marks)**
- (d) Form four Geography students carried out a field study at a paper mill.
- (i) State *three* ways in which they prepared for the field study. **(3 marks)**
- (ii) Give *four* reasons why the industry was located near a source of water the student could have established. **(4 marks)**

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GEOGRAPHY MOCKS

SERIES 1 TRIAL 2 PAPER 1

Kenya Certificate of Secondary Exams

TIME:2HRS

INSTRUCTIONS TO STUDENTS

- *This paper has two sections A and B.*
- *Answer ALL the questions in section A. In section B answer questions 6 and any other TWO questions.*

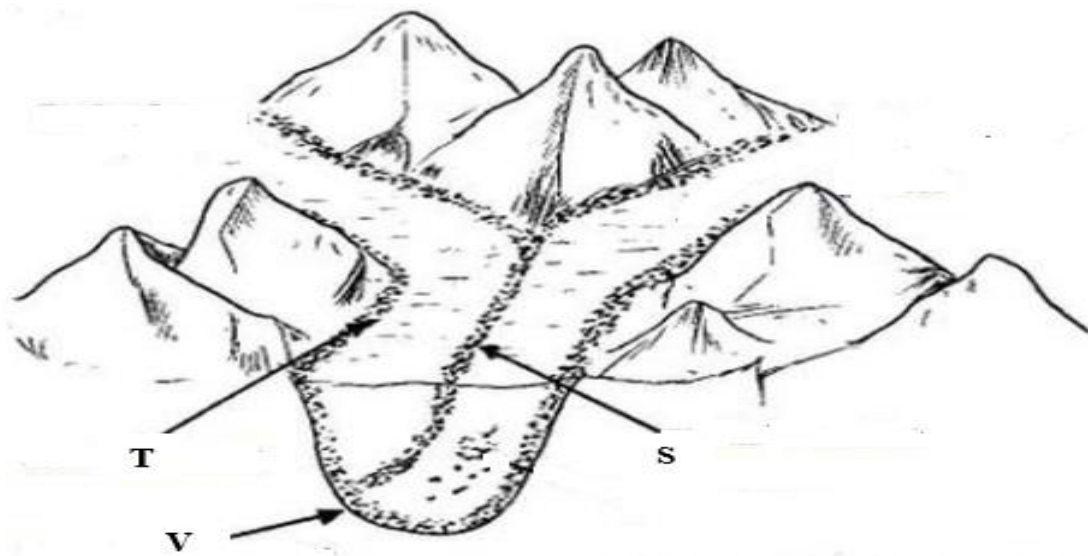
FOR EXAMINER'S USE ONLY

SECTION	QUESTIONS	MAXIMUM	CANDIDATE'S SCORE
A	1-5	25	
B	6	25	
	7	25	
	8	25	

SECTION A (25 MARKS)

Attempt all questions in this section

1. (a) Name the temperate grasslands found in the following countries.
- (i) Canada (1 mark)
- (ii) Russia (1 mark)
- (b) Explain three ways in which desert vegetation adapts to environmental conditions. (3 marks)
2. (a) What is micro-climate? (1 mark)
- (b) Discuss four consequences of climate change. (4 marks)
3. (a) Describe plucking as a process in glacial erosion. (3 marks)
- (b) The diagram below shows types of moraines in a valley glacier.



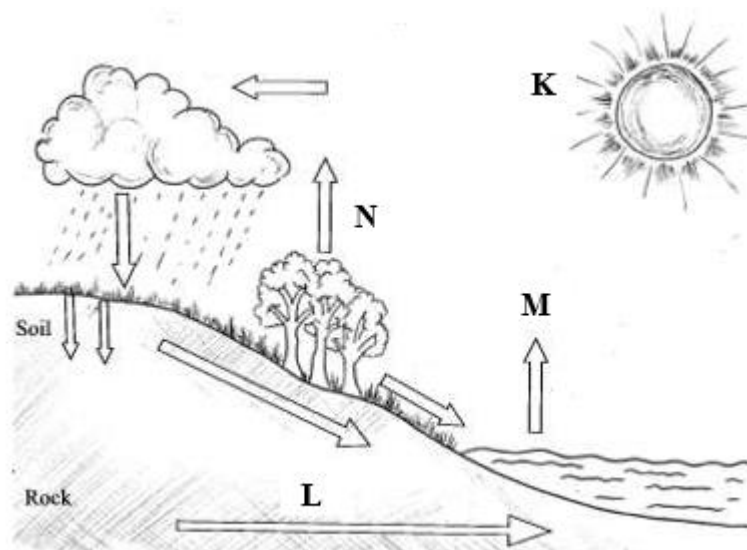
- (i) Name the type of moraine marked S, T and V. (3 marks)
4. (a) Differentiate between magma and lava. (2 marks)
- (b) Name two volcanic features found in the rift valley of Kenya. (2 marks)
5. (a) What is a karst scenery? (1 mark)
- (b) Describe how a stalactite is formed in an underground feature in limestone areas. (4 marks)

SECTION B:

Answer question six and another two

6. Use the map of Taita hills (sheet 189/4) provided and answer the questions below.
- (a) Measure the length of dry weather road, D535, from the junction at grid 4028 to the east of the maps. (2 marks)
 - (b) What is the bearing of the pump house at grid 2918 from mwaturaje in grid 3215? (2 marks)
 - (c) Calculate the area of the region below the all-weather road; bound surface A23 in the South East of map. (2 marks)
 - (d) What is the magnetic declination of the map by the time the map was published? (2 marks)
 - (e) Discuss the drainage of the area covered by map. (5 marks)
 - (f) Citing evidence from the map, state three social services offered in the area covered by the map. (3 marks)
 - (g) (i) Reduce the square by 2 within northings 26 and 31 and between eastings 37 and 42. (1 mark)
 - (ii) In it, indicate:-
 - Ronge forest (1 mark)
 - road D535 (1 mark)
 - water reservoir (1 mark)
 - out crop rock. (1 mark)
 - (iii) What is the new scale after reduction? (2 marks)
 - (h) Highlight **two** types of vegetation in the area covered by the map. (2 marks)
7. (a) Define the following terms:-
- (i) Aridity (1 mark)
 - (ii) Desert (1 mark)
 - (b) (i) Name **three** descriptions of deserts based on the surface. (3 marks)
 - (ii) Give an example of a hot desert in Africa. (1 mark)
 - (c) Name and describe the **three** types of wind erosions in deserts. (6 marks)
 - (d) Explain **three** factors influencing wind deposition in deserts. (6 marks)
 - (e) (i) Name **three** features resulting due to action of water in desert areas. (4 marks)
 - (ii) What are the **four** positive significance of desert features to human activities? (4 marks)
8. (a) (i) Define the term 'solar system'. (2 marks)

- (ii) Name **four** components of the solar system. (4 marks)
- (b) (i) Which force is responsible for the flattening of the poles of the earth? (1 mark)
- (ii) Give **four** proofs that the earth is spherical. (4 marks)
- (c) (i) State **four** effects of revolution of the earth. (4 marks)
- (ii) Supposing the local time at Greenwich meridian is noon (1200hrs). What is the local time at a place A, 300E? (3 marks)
- (iii) What is 'equinox'? (1 mark)
- (d) (i) Draw a well labeled diagram of the internal structure of the earth. (5 marks)
- (ii) What is internal date line? (1 mark)
9. (a) (i) What is faulting? (2 marks)
- (ii) Name **three** features resulting from faulting. (3 marks)
- (b) With the aid of a well labelled diagrams, describe the formation of the rift valley by tensional forces. (7 marks)
- (c) (i) Give **three** ways in which faulting influences drainage. (3 marks)
- (ii) Apart from tensional forces explain **two** other processes that may cause faulting. (2 marks)
- (iii) Name **three** types of faults. (3 marks)
- (d) Discuss how features resulting from faulting is of significance to human activities. (5 marks)
10. (a) (i) Differentiate between a watershed and a catchment area? (2 marks)
- (ii) The diagram below shows a hydrological cycle.



What processes do the arrows labelled **K**, **L**, **M** and **N** represent? **(4 marks)**

K-

L-

M-

N-

(b) (i) What is a lake? **(2 marks)**

(ii) Give three reasons why some lakes in Kenya are saline. **(3 marks)**

(c) (i) Apart from L. Magadi, name **two** other lakes within the rift valley in Kenya that have a high level of salinity. **(2 marks)**

(ii) Highlight **four** man-made lakes in Kenya. **(4 marks)**

(d) (i) Describe the formation of a corrie lake. **(5 marks)**

(ii) Give **three** negative effects of lakes. **(3 marks)**

NAME.....ADM NO.....

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GEOGRAPHY MOCKS

SERIES 1 TRIAL 2 PAPER 2

Kenya Certificate of Secondary Exams

TIME:2HRS

INSTRUCTIONS TO STUDENTS

- *This paper has two sections A and B.*
- *Answer ALL the questions in section A. In section B answer questions 6 and any other TWO questions.*

FOR EXAMINER'S USE ONLY

SECTION	QUESTIONS	MAXIMUM	CANDIDATE'S SCORE
A	1-5	25	
B	6	25	
	7	25	
	8	25	

SECTION A: Answer all questions

1. (a) Differentiate between horticulture and market gardening. (2 marks)
(b) State **three** characteristics of horticulture farming. (3 marks)
2. (a) Explain **two** problems caused by floods. (4 marks)
(b) Name **one** major environmental hazard. (1 mark)
3. (a) What is a polder? (2 marks)
(b) Give **three** factors that limits Perkerra irrigation scheme. (3 marks)
4. (a) Name **two** indigenous softwood trees in Kenya. (2 marks)
(b) Give **three** protective roles of forests in a country. (3 marks)
5. (a) Give an example of a mineral found in each of the following occurrence.
(i) Veins and lodes. (1 mark)
(ii) Alluvial/placer deposits. (1 mark)
(b) Highlight **three** uses of soda ash. (3 marks)

SECTION B: Answer question 6 and any other two questions.

6. The table below shows the passengers (in millions) coming from other countries to Kenya between 1994 and 2004. Use it to answer the questions that follow.

COUNTRY	PASSENGERS IN MILLIONS	
	1994	2004
CANADA	12.2	13.0
USA	27.7	16.6
ARGENTINA	14.1	12.0
INDIA	96.8	163.8
JAPAN	258.4	311.9

- (a) Using a scale of 1cm represents 20 million passengers, draw a comparative bar graph to represent the information above. (9 marks)
- (b) (i) Calculate the percentage increase in number of passengers from India. (2 marks)
(ii) Give the **three** advantages of using comparative bar graphs to represent statistical data. (3 marks)
- (c) (i) Give the **four** important canals of the St. Lawrence sea way. (4 marks)

(ii) Give **three** ways in which the great Lake St. Lawrence Sea way has contributed to the economy of Canada and USA. (3 marks)

(d) Explain **two** ways in which communication contributes to economic development in Kenya. (4 marks)

7. (a) Explain **three** problems arising from industrialization in Kenya. (6 marks)

(b) State **two** non-food agricultural industries in Thika. (2 marks)

(c) Name a town in Kenya where each of the following industries are located.

(i) Oil refinery. (1 mark)

(ii) Paper manufacturing (1 mark)

(iii) Motor vehicle assembly (1 mark)

(d) Explain **three** factors that influenced the location of iron and steel industry in the Ruhr region in Germany in the 19th century. (6 marks)

(e) You intend to carry out a field study on furniture making industry in the local market centre.

(i) State **two** reasons why it would be necessary to carry out a reconnaissance. (2 marks)

(ii) State **two** advantages of studying furniture making through field study. (2 marks)

(iii) Highlight **four** factors which have favoured the development of the electronics industry in Japan. (4 marks)

8. (a) (i) What is ecotourism? (2 marks)

(ii) Give **four** tourist attraction found at the coast of Kenya. (4 marks)

(b) Use the map of the East Africa below to answer the questions that follow.



(i) Name the national parks marked P, Q and R. (3 marks)

(ii) State **four** steps taken by Kenyan government to promote wildlife. (4 marks)

(c) Explain similarities between tourism in Kenya and Switzerland. (8 marks)

(d) State **four** problems that are associated with low tourism in Kenya. (4 marks)

9. (a) (i) Outline three physical factors that have favoured the development of the seven folks hydroelectric power scheme. (3 marks)
- (ii) State two problems facing hydro-electric power projects in Kenya. (2 marks)
- (b) (i) Apart from oil, name two other non-renewable sources of energy. (2 marks)
- (ii) What is energy crisis? (2 marks)
- (iii) Explain four ways in which Kenya has benefited from the development of geothermal power. (8 marks)
- (iii) What are the consequences which will result due to oil discovery in Kenya? (3 marks)
- (c) (i) Name three main dams in Africa. (3 marks)
- (ii) State two effects of power rationing in Kenya. (2 marks)
10. (a) State four characteristics of shifting cultivation. (4 marks)
- (b) (i) State two counties where tea is grown. (2 marks)
- (ii) Explain four ways in which KTDA (Kenya Tea Development Agency) promotes tea cultivation. (8 marks)
- (c) (i) State five counties in Kenya where beef ranching is done. (5 marks)
- (ii) Outline two major problems facing beef farming in Kenya. (2 marks)
- (iii) Give four economic and human factors that favour beef production in Argentina. (4 marks)

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GEOGRAPHY MOCKS

SERIES 1 TRIAL 3 PAPER 1

Kenya Certificate of Secondary Exams

TIME:2HRS

INSTRUCTIONS TO STUDENTS

- *This paper has two sections A and B.*
- *Answer ALL the questions in section A. In section B answer questions 6 and any other TWO questions.*

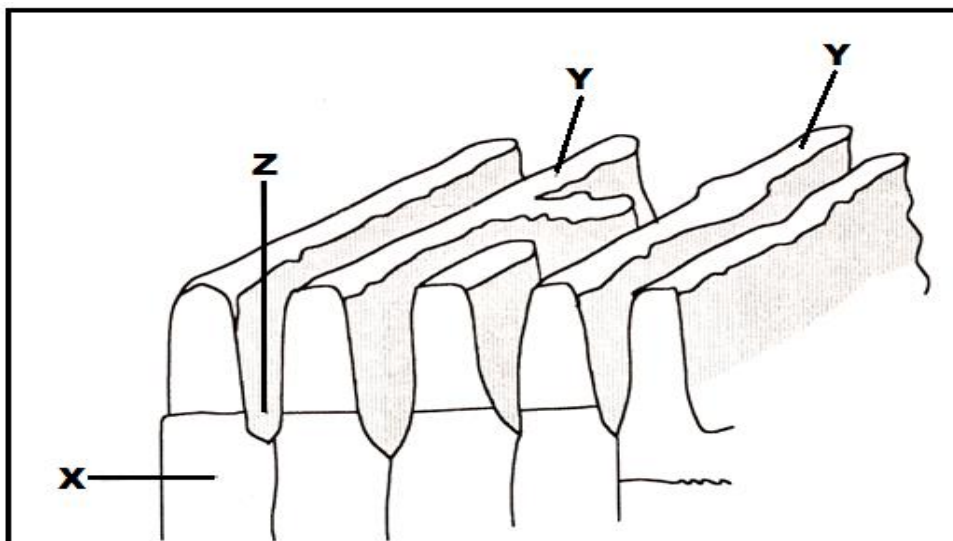
FOR EXAMINER'S USE ONLY

SECTION	QUESTIONS	MAXIMUM	CANDIDATE'S SCORE
A	1-5	25	
B	6	25	
	7	25	
	8	25	

SECTION A.

(ANSWER ALL THE QUESTIONS FROM THIS SECTION.)

1. (a) What is a natural satellite? (2marks)
(b) Give **two** dates of the year when equinox occurs. (2marks)
2. (a) Differentiate between natural vegetation and secondary vegetation. (2marks)
(b) State **three** ways in which rainfall influences the distribution of natural vegetation in Kenya. (3marks)
3. (a) List **two** land masses that formed from Laurasia according to the continental drift theory. (2marks)
(b) State **two** effects of earth movements on the landscape. (2marks)
4. The diagram below shows some features of a karst scenery. Use it to answer question (a) and (b).



- (a) Name the features marked X, Y and Z. (3marks)
(b) How is the feature marked Z formed? (3marks)
5. (a) State **three** factors that affect the permanence of a lake. (3marks)
(b) Outline **three** sources of lake water (3marks)

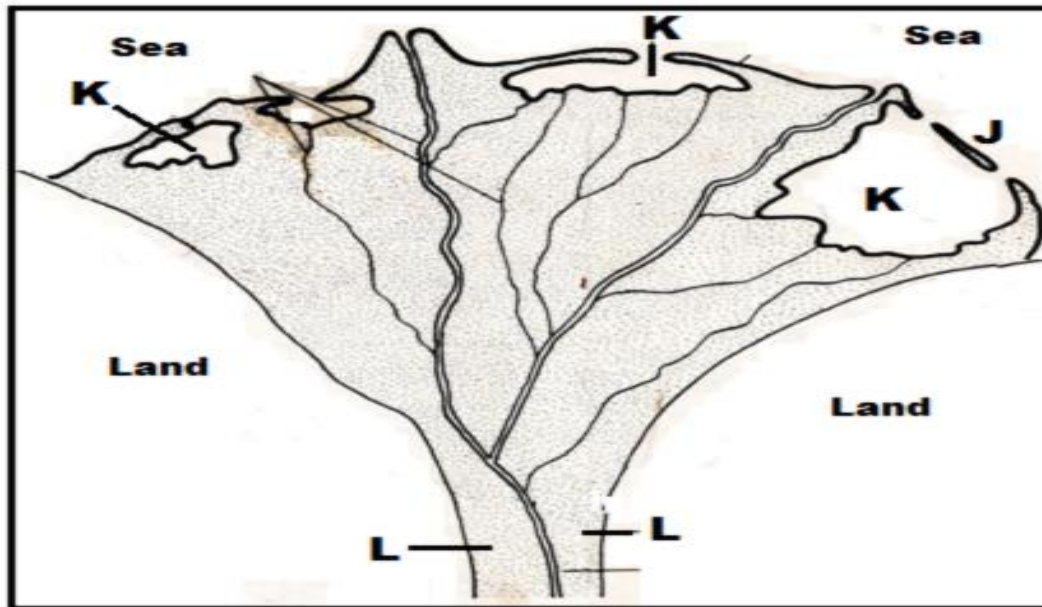
SECTION B.

(answer question 6 and any other two questions.)

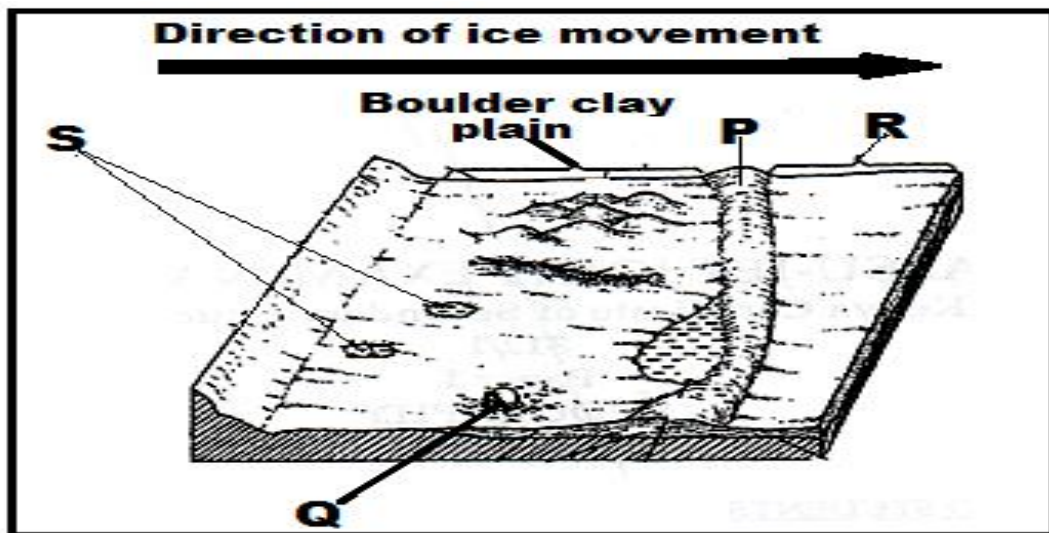
6. Study the topographical map of TAITA HILLS provided and use it to answer the following questions.
 - (a) (i) What is the longitudinal extent of the area covered by the map? (2marks)
(ii) Determine the bearing of a water tank at grid square 3927 from the water tank east of Kigala hill. (2marks)

- (b) (i) Citing evidence, give four economic activities carried out in the area covered by the map. (4marks)
- (ii) Describe the distribution of natural vegetation in the area covered by the map. (4marks)
- (c) Citing evidence from the map, explain **two** factors that favour the establishment of Teita Sisal estates. (4marks)
- (d) (i) Using a vertical scale of 1cm to represent 50 m draw an accurate cross section from grid reference 300190 to grid reference 360190. On the cross section, mark and name:
- A hill
 - A river valley
 - Main track (motorable) (7marks)
- (ii) Calculate the vertical exaggeration of the cross section. (2marks)
7. (a) (i) Differentiate between weather and climate. (2marks)
- (ii) List **four** factors that influence humidity of a place. (4marks)
- (b) Describe how convectional rainfall is formed. (6marks)
- (c) Explain how the following factors influence climate.
- (i) Altitude. (4marks)
 - (ii) Distance from the sea (4marks)
- (d) State the characteristics of mountain climate. (5marks)
8. (a) (i) State **four** causes of vulcanicity. (4marks)
- (ii) Give **three** examples of volcanic materials. (3marks)
- (b) Describe how the following features are formed.
- (i) Basic lava domes. (5marks)
 - (ii) Laccolith. (5marks)
- (c) Suppose you were to carry out a field study of a volcanic landscape.
- (i) State **four** reasons why it is important to prepare a work schedule. (4marks)
 - (ii) State **four** advantages of using observation as a method of data collection. (4marks)
9. (a) (i) What is a river? (2marks)
- (ii) Name **four** features formed due to river erosion. (4marks)

(b) Use the diagram below to answer question (i) and (ii)



- (i) What type of delta is represented by the diagram? (1mark)
- (ii) Name the parts marked J, K and L. (3marks)
- (c) With the aid of well labelled diagrams, describe how natural levees are formed. (7marks)
- (d) Explain four economic benefits of rivers. (8marks)
10. (a) (i) List three types of glacier. (3marks)
- (ii) Explain four factors that influence the rate of glacial erosion. (8marks)
- (c) The diagram below shows some features formed due to glacial deposition in lowlands.



- (i) Name the parts marked *P*, *Q*, *R* and *S*. (4marks)
- (ii) Describe how a hanging valley is formed. (6marks)
- (d) Explain two negative effects of glaciated landscapes. (4marks)

NAME.....ADM NO.....

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DATE.....

GEOGRAPHY MOCKS

SERIES 1 TRIAL 3 PAPER 2

Kenya Certificate of Secondary Exams

TIME:2HRS

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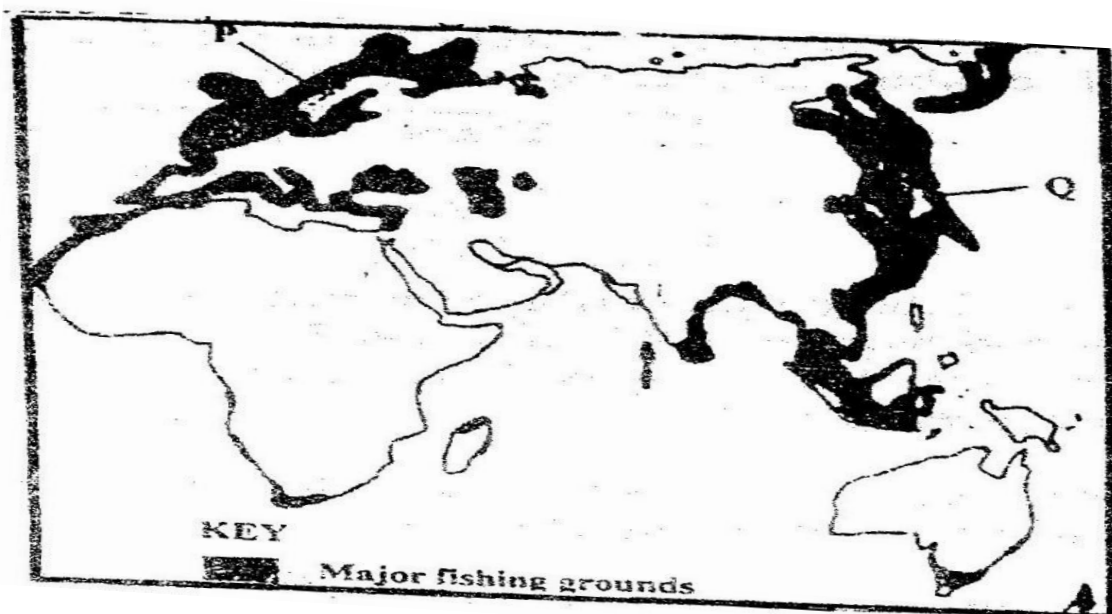
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SECTION	QUESTIONS	MAXIMUM	CANDIDATE'S SCORE
A	1-5	25	
B	6	25	
	7	25	
	8	25	

SECTION A

Answer all the questions in this section.

1. (a). What is mining? (2 marks)
b) State three ways in which opencast mining affects the environment. (3marks)
2. a) What is urbanization? (2marks)
b) Give three differences in the function of New York and Nairobi cities. (3marks)
3. The map below shows some major fishing grounds in the world. Use it to answer question (a)



- (a) (i) Name the countries marked P and Q (2marks)
(ii) State three conditions that favour fishing in the shaded coastal waters (3marks)
- 4) i) Give two primary sources of population data (2marks).
ii) What information can be derived from a population pyramid (3marks)
5. (a) Apart from windstorms, name two other environmental hazards associated with climatic conditions. (2 marks)
b) Identify three ways that are used to control floods in Kenya (3 marks)

SECTION B

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

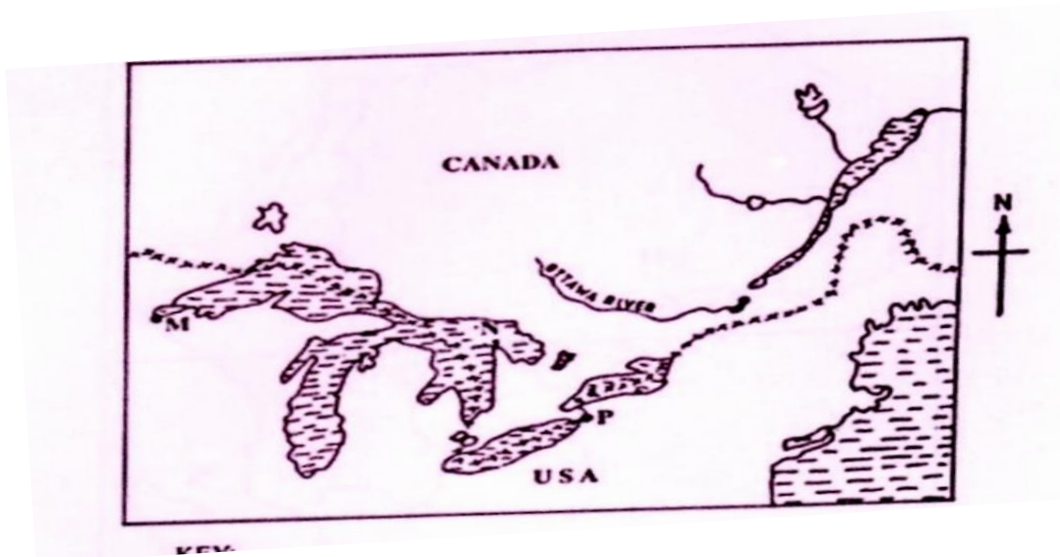
6. The table below shows the Hypothetical value of some cash crops produced in Kenya in ksh.million.

Crop	1999	2000	2001	2002	2003	2004
Tea	15000	15000	16000	17000	18000	17000
Coffee	10000	11000	12000	13000	14000	15000
Maize	800	1000	1100	800	800	750
Sugarcane	1,300	2000	3,000	800	1,900	2,000

- a) Using a scale of 1cm to represent 2,000 million ksh draw a comparative line graph based on the data above. (8marks)
- b) State two advantages of using comparative line graph. (2marks)
- c) State three physical conditions required for the growing of
i) Tea (3marks)
- (d) Describe the stages involved in coffee production from picking to marketing (8 marks)
- e) Identify four ways in which drought affects the agricultural sector in Kenya (4 marks)
- 7(a) (i) Apart from coniferous forest, name two other types of natural forests. (2marks)
- (ii) State two characteristics of coniferous which favour their exploitation. (2marks)
- (b) Explain three factors that favour the growth of natural forests on the slopes of Mt. Kenya. (6marks)
- (c) Use the map of Kenya below to answer questions (i) and (ii).



- (i) Name the forest reserves marked **H, J** and **K**. (3 marks)
- (ii) Explain Three factors that favour the growth of natural forest in the area marked L. (6 marks)
- (d) Explain Three problems facing forestry in Kenya. (6 marks)
8. (a) (i) What is industrialization (2marks)
- (ii) Name a town in Kenya where each of the following industries are located
- Oil refining (1mark)
 - Paper manufacturing (1mark)
 - Motor vehicle assembly (1mark)
- b) Explain Three factors which influenced the location of iron and steel industry in the Ruhr region of Germany (6marks)
- (c) (i) State two characteristics of the cottage industry in India. (2marks)
- (ii) Explain three factors which have favoured the development of car manufacturing industry in Japan. (6marks)
- (d) You intend to carry out a field study of furniture – making industry in the local
- (i) State two reasons why it would be necessary for you to visit the area of study in advance (2 marks)
- (ii) For your field study you have prepared a work schedule. State two items you would include in the schedule (2 marks)
- iii) Give two advantages of studying about furniture making through fieldwork. (2marks)
9. a) i) State *two* advantages of written communication. (2 marks)
- ii) State *two* ways in which Kenya is benefiting from the construction of the Standard gauge railway. (2 marks)
- b) The sketch map below shows the Great Lakes and St. Lawrence Seaway. Use it to answer the following questions.



KEY:

xxxxxx - International Boundary.

Name:

- (i) the ports marked **M** and **P**. (2marks)
- (ii) the Lake marked **N**. (1marks)

c) Explain three ways in which the great lakes St.Lawrence sea way has contributed to the economy of Canada and the United States of America (U.S.A)

(6marks)

d) Give four reasons why there is limited use of river transport in Africa.

(4marks)

e) Explain four measures that the government has taken to improve road transport in Kenya

(8marks)

10.(a)(i) Distinguish between visible and invisible exports.

(2 marks)

(ii) Name two seaports that handle exports in East Africa.

(2 marks)

(b) Explain three measures Kenya can take to reduce her unfavourable balance of trade.

(6 marks)

(c) Explain three reasons for low volume of trade between the countries in Africa.

(6 marks)

(d)(i) State three benefits of ECOWAS to the member states.

(3 marks)

ii) Explain three negative effects of international trade

(6marks)

NAME.....ADM NO.....

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GEOGRAPHY MOCKS

SERIES 1 TRIAL 4 PAPER 1

Kenya Certificate of Secondary Exams

TIME:2HRS

INSTRUCTIONS TO STUDENTS

- *This paper has two sections A and B.*
- *Answer ALL the questions in section A. In section B answer questions 6 and any other TWO questions.*

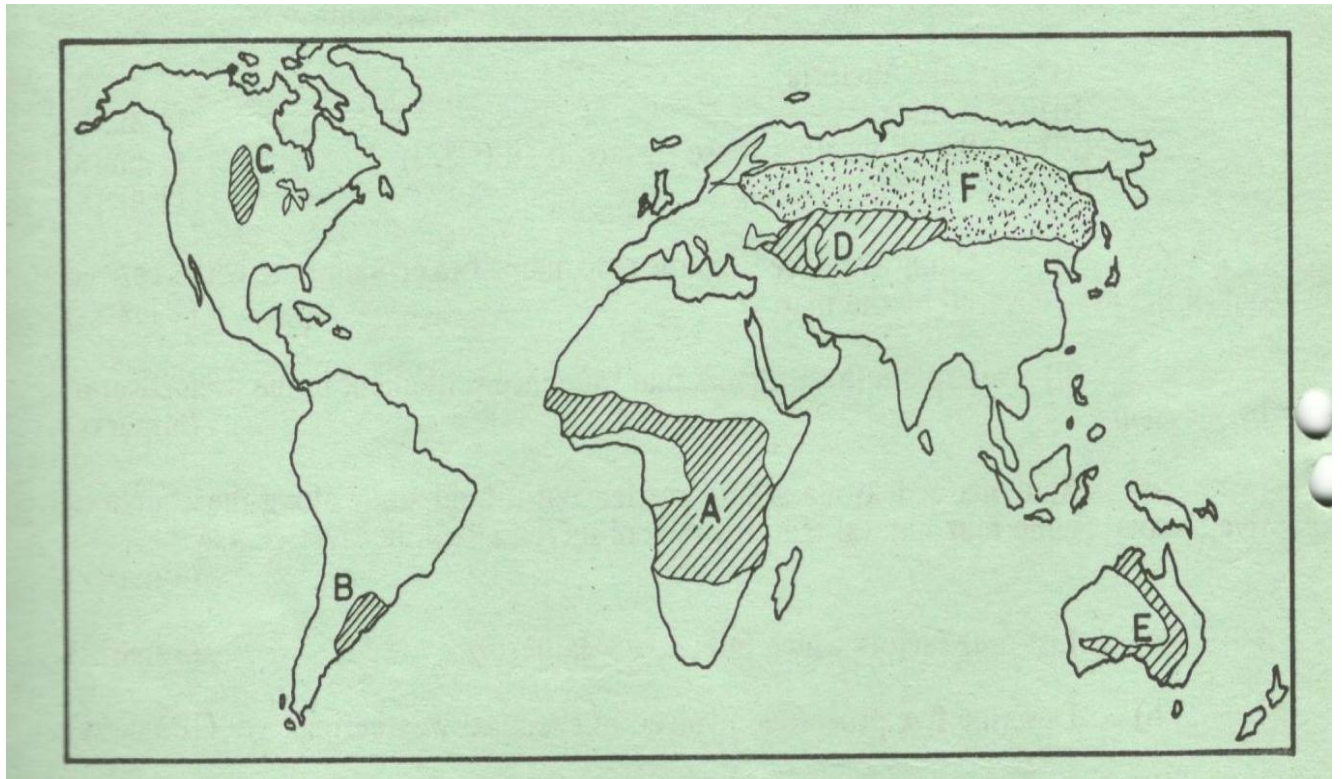
FOR EXAMINER'S USE ONLY

SECTION	QUESTIONS	MAXIMUM	CANDIDATE'S SCORE
A	1-5	25	
B	6	25	
	7	25	
	8	25	

SECTION A

Answer all the questions in this section.

- 1.(a) Differentiate between latitudes and longitudes. (2 mks)
(b) State three reasons why the interior of the earth is very hot. (3 mks)
2. Describe the origin of the continents according to the theory of continental drift . (5mks)
- 3.(a) Name the three main stages of the long profile of a river (3mks)
(b) State three conditions under which gorges may form (3mks)
- 4.(a) Give two sources of underground water. (2mks)
(b) State three conditions that favour the formation of artesian wells. (3mks)
- 5.(a) What is the meaning of the term vegetation? (1 mk)
(b) Use the sketch map below to answer the questions that follow



- i) Identify the type of vegetation in the shaded region marked F (1 mk)
- ii) State two characteristics of the above identified vegetation type (2mks)

SECTION B

Answer question six and any other two questions from this section

Study the map provided of **Taita Hills 1:50000**(Sheet 189/14) and answer the questions that follow.

6.(a) (i) Convert the scale of the map into a statement scale. (1mk)

(ii) Give the six grid figure reference of the dispensary at Ronge forest.(2mks)

(iii) Calculate the area of Ronge forest. Give your answer in KM² (2mks)

(b.) (i) What is the actual height of the hill at grid square 3926. (1 mk)

(ii) Describe the distribution of settlement in the area covered by the map.

(4mks)

c). Draw a cross section from grid reference **360160** to grid reference **440160**. Use a vertical scale of 1cm to represent 20m. (4mks)

On the cross-section,mark and name the following;

(i) A railway line. (1mk)

(ii) Thicket vegetation (1mk)

(iii) A hill (1mk)

d) Students of Weruga School (grid square 2524) carried out a field study on vegetation west of their school.

(i) Give three reasons why they would require a time schedule. (3 mks)

(ii) Name two natural vegetation that they identified. (2 mks)

e) Citing evidence from the map name three social services that are carried out in the area covered by the map. (3mks)

7.(a)(i)What is ocean salinity? (2mks)

(ii) Give three sources of mineral salts in ocean water. (3mks)

(b) Explain three factors that cause horizontal movement of ocean water. (6mks)

(c) Describe how the following are formed

(i) Wave-cut platform. (4mks)

(ii) Cuspate foreland. (5mks)

(d) You intend to carry out a field study on wave deposition on the coast of Kenya.

(i) Formulate two hypotheses for your study. (2mks)

(ii) Give three reasons why you would need to state objectives for your study.

- (3mks)**
8. a) (i) List four characteristics of desert soils. **(4 mks)**
 (ii) Give two factors that contribute to soil leaching. **(2 mks)**
- b) Explain how each of the following factors influence the formation of soil
- (i) Parent rock **(2 mks)**
 - (ii) Living organisms **(2 mks)**
 - (iii) Topography **(2 mks)**
- c) Draw a well labelled profile of a mature soil. **(5 mks)**
- d) Differentiate between a soil profile and soil catena. **(2 mks)**
- e) Explain three ways in which human activities contribute to soil erosion. **(6 mks)**
9. (a) (i) What is a glacier? **(2mks)**
 (ii) How is a glacier formed? **(4mks)**
- b)(i) Explain three processes through which ice moves **(6mks)**
 (ii) Describe the formation of a cirque **(3mks)**
- c) Describe how the movement of valley glaciers is influenced by the following factors
- (i) Temperature **(2marks)**
 - (ii) Width of glacier channel **(2marks)**
- d. You intend to carry out a field study on Mt Kenya
- (i) Name three types of moraines you are likely to identify **(3mks)**
 - (ii) State three problems you are likely to encounter **(3mks)**
- 10.a) (i) Define the following features
- Erg **(1 mk)**
 - Hamada **(1 mk)**
 - Reg **(1 mk)**
- (ii) State two factors that contribute to the development of hot desert. **(2 mks)**
- b) With the aid of well labeled diagrams explain how a rock pedestal is formed. **(8mks)**
- c) Explain three factors that influence wind transportation in a desert. **(6 mks)**
- d) You are required to carry out a field study of an arid area in Kenya.
- (i) Formulate two objectives for the study findings. **(2mks)**
 - (ii) State two measures the government would put in place to curb desertification in Kenya. **(2mks)**
 - (iii) Name any two features resulting from action of water in desert areas. **(2mks)**

NAME.....ADM NO.....

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GEOGRAPHY MOCKS

SERIES 1 TRIAL 4 PAPER 2

Kenya Certificate of Secondary Exams

TIME:2HRS

INSTRUCTIONS TO STUDENTS

- *This paper has two sections A and B.*
- *Answer ALL the questions in section A. In section B answer questions 6 and any other TWO questions.*

FOR EXAMINER'S USE ONLY

SECTION	QUESTIONS	MAXIMUM	CANDIDATE'S SCORE
A	1-5	25	
B	6	25	
	7	25	
	8	25	

SECTION A

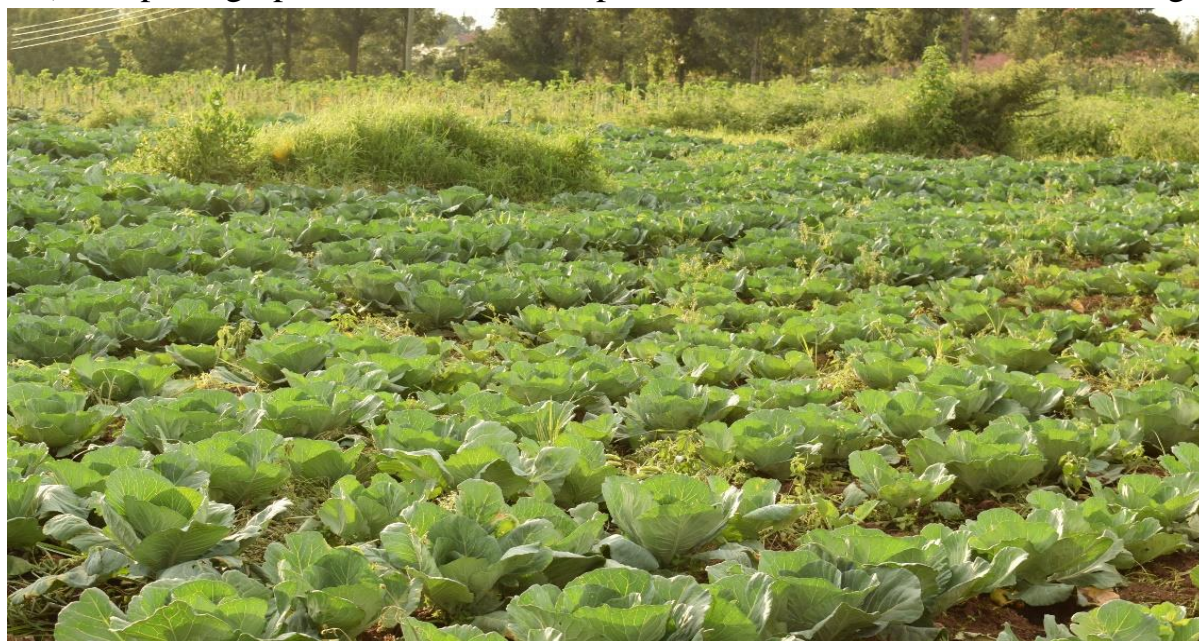
Answer all the questions in this section

- 1 a) State **three** factors that contribute to growth of slums in urban centers. (3mk)
b) List **two** types of settlement patterns in Kenya. (2mk)
- 2a) State **three** physical conditions that favour growing of maize in Kenya. (3mk)
b) Give **two** problems facing maize farming in Kenya. (2mk)
- 3a) What is air pollution? (2mk)
b) State **three** ways that Kenya has adopted to manage air pollution. (3mk)
- 4a) Differentiate between a national park and a game reserve. (2mk)
b) State **three** effects of human encroachment into wildlife habitats. (3mk)
- 5 a) Name **two** places where diamond mining is done in South Africa. (2mk)
b) State **three** problems facing gold mining in South Africa. (3mk)

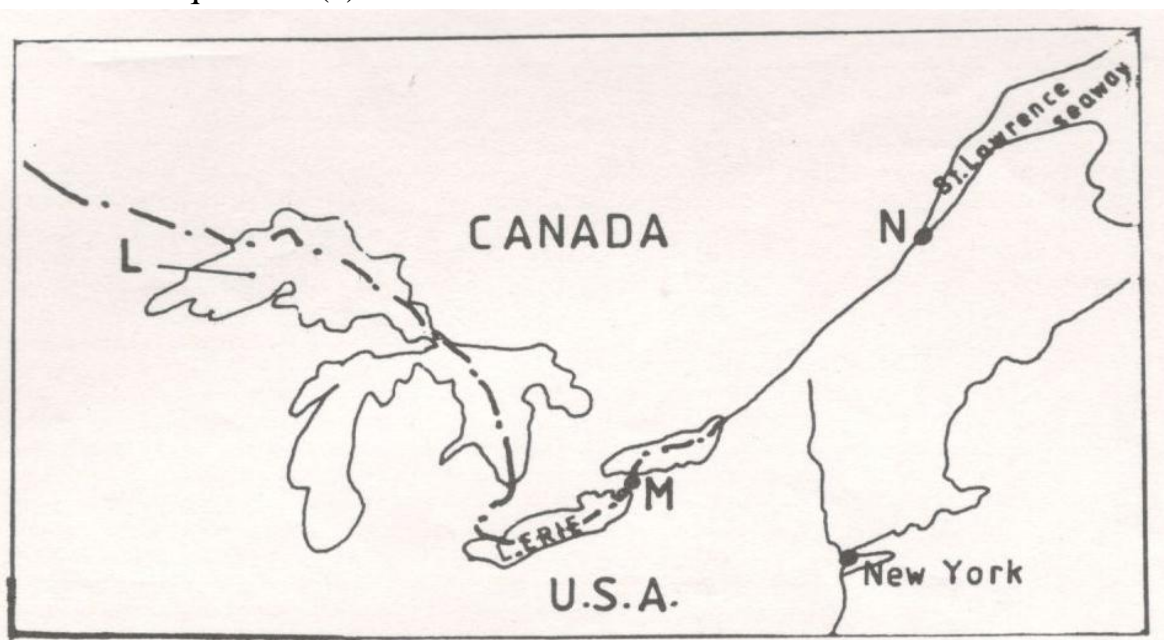
SECTION B

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

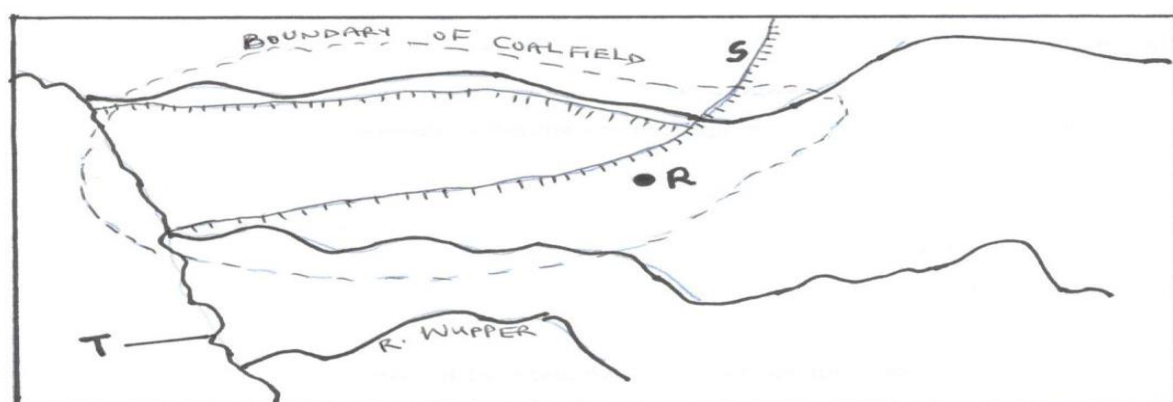
- 6 a) The photograph below shows a crop cultivated under horticultural farming.



- a i) identify the type of photograph shown above. (1mk)
- ii) Using evidence from the photograph, identify two indicators that show the area receive high rainfall. (2mk)
- iii) Draw a rectangle measuring 15 cm by 10 cm and on it sketch and show the main features. (4mk)
- b) State four reasons why growing of vegetables in green houses in Kenya would be preferred. (4mk)
- c) Explain four difficulties that the Kenyan farmer face in marketing horticultural produce. (8mks)
- d) Explain three similarities between horticultural farming in Kenya and Netherlands. (6mk)
- 7a) Differentiate between pelagic fishing and demersal fishing. (2mk)
- b) State four reasons why marine fisheries are not well developed in Kenya. (4mk)
- c i) Explain three reasons why Lake Victoria is a major fishing ground in Kenya. (6mk)
- ii) Give five ways in which fresh water fisheries in Kenya can be conserved. (5mk)
- d) Explain four differences between fishing in Kenya and Japan. (8mk)
- 8 The sketch map below shows the Great Lakes and the St. Lawrence sea way. Use it to answer question (a)



- a) i) Name the lake marked **L**. (1mk)
 ii) Name the waterfall marked **M**. (1mk)
 iii) Name the sea port marked **N**. (1mk)
- b) i) List **three** objectives that led to the construction of the St. Lawrence sea way. (3mk)
 ii) Explain **four** ways in which the St. Lawrence Sea way has benefited the economies of Canada and the USA. (8mk)
- c) State **three** causes of the decline in use of letters as a mean of communication in Kenya. (3mk)
- d) Explain **four** efforts made by the Government of Kenya to solve the problems facing communication in the country. (8mk)
- 9 a i)** Name **two** places in Kenya where wind energy is being harnessed. (2mk)
 ii) Give **four** reasons why Kenya has not been able to fully exploit her geothermal power potential. (4mk)
- b) Explain **four** benefits that would result from rural electrification in Kenya. (8mk)
- c) Apart from petroleum oil, name **three** other sources of non -renewable energy. (3mk)
- d) i) What is energy crisis. (2mk)
 ii) Explain **three** effects that the increase in petroleum oil prices has had on the economy of Kenya. (6mk)
- 10. ai)** Name **two** towns in Kenya with motor vehicle assembly industries. (2mks)
 ii) State **four** ways in which Kenya has benefited from the motor vehicle assembly industries. (4mk)
- b) The sketch map below shows the Ruhr Industrial region of Germany.



- i) Name the town marked **R**. (1mk)
- ii) Name the canal marked **S**. (1mk)
- iii) Name the river marked **T**. (1mk)
- c) Explain four factors that have led to the growth of the iron and steel industries in the Ruhr region of Germany. (8mk)
- d) Your class has decided to undertake a field study in a factory near your school.
 - i) Give three reasons why it is important to seek permission from the school. (3mk)
 - ii) State two reasons why administering questionnaires may not be an appropriate method to collect data. (2mk)
 - iii) State three advantages of using statistical tables to record data. (3mk)

NAME.....ADM NO.....

SCHOOL.....CLASS.....

DATE.....

GEOGRAPHY MOCKS

SERIES 1 TRIAL 5 PAPER 1

Kenya Certificate of Secondary Exams

TIME:2HRS

INSTRUCTIONS TO STUDENTS

- *This paper has two sections A and B.*
- *Answer ALL the questions in section A. In section B answer questions 6 and any other TWO questions.*

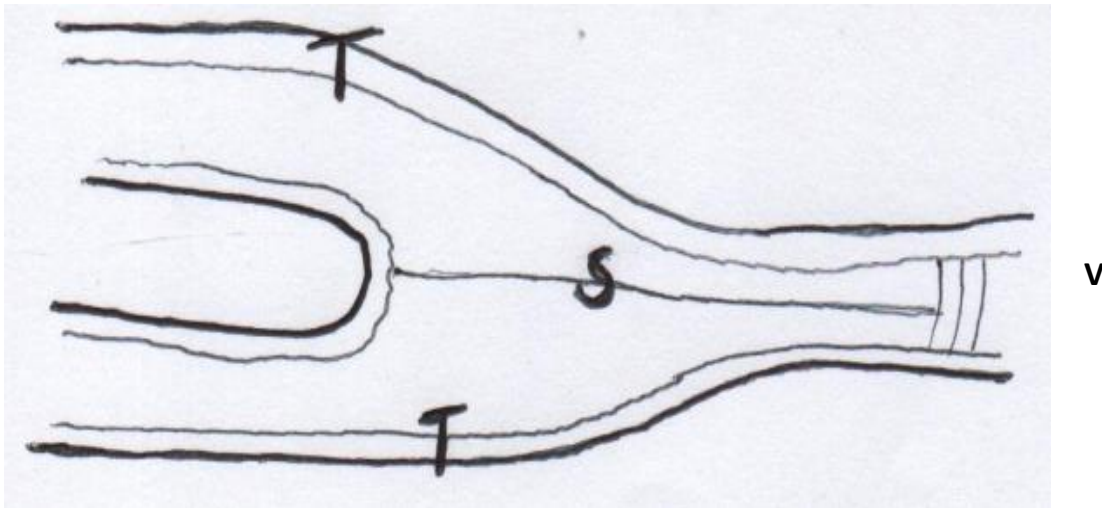
FOR EXAMINER'S USE ONLY

SECTION	QUESTIONS	MAXIMUM	CANDIDATE'S SCORE
A	1-5	25	
B	6	25	
	7	25	
	8	25	

SECTION A (25MKS)

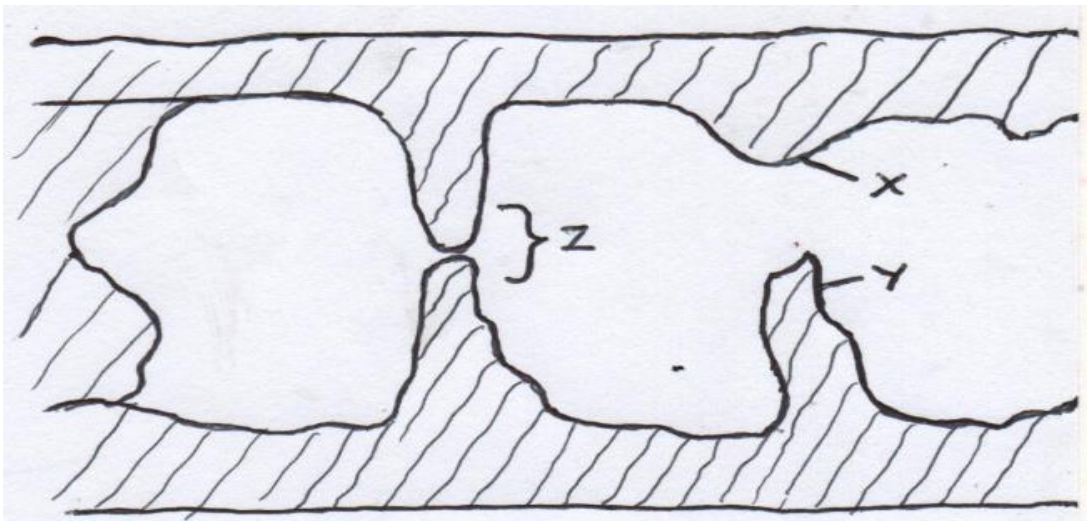
Answer all the questions in this section

1. a) Define the term solar system (2mks)
b) Give any **three** theories explaining the origin of the solar system (3mks)
2. i) What is faulting (2mks)
ii) Mention any **three** types of faults (3mks)
3. i) Define a glacier (2mks)
ii) The diagram below shows types of moraines in a valley glacier (3mks)



Name parts V, T & S

4. State **five** conditions necessary for the formation of a beach (5mks)
5. a) Study the diagram and answer the following questions. (3mks)



Name parts X, Y &Z

- b) State any **two** conditions necessary for development of Karst scenery
(2mks)

SECTION B

Answer question 6 and any other two questions from this section

6. Study the map of Taita Hills 1:50,000 (Sheet 198/4) provided and answer the following questions.
- a) i) Give the **four** figure grid reference of L.R 3880/s (2mks)
ii) What is the general direction of R. Ruhiaa tributary of R. vol (Goshi)
(2mks)
- b) i) Give the adjoining sheet of Taita Hills on the North Coast part of the map.
(2mks)
ii) Measure the length of the Bound surface Road A23 from Mwatake to LC
(Level Crossing) (2mks)
iii) Calculate the area of the forest covering Shellemba and Majengo Zones
(3mks)
iv) Citing evidence from the map, identify three economic activities carried in
the area . (6mks)
- c) Citing evidence from the map, explain any **four** factors that may have
influenced Agricultural activities in the Area (8mks)
7. a) Define the term Vulcanicity? (2mks)
b) Distinguish Extrusive and intrusive vulcanicity (4mks)
c) Give any **three** resultant features due to intrusive vulcanicity (3mks)
d) Describe the continental drift theory (3mks)
e) i) State **two** artificial causes of earth movements (2mks)
ii) Explain any **three** significance of vulcanicity to human activities.(8mks)
8. a) What is climate? (2mks)
b) Explain the factors influencing climate under the following sub-headings:
i. Latitude (5mks)
ii. Altitude (4mks)
iii. Ocean currents (4mks)
c) i) Distinguish Aridity and desertification. (2mks)
ii) State any **four** causes of aridity and desertification together with their

possible solutions.

(8mks)

9. a) Name two ways of water movement in Oceans (2mks)
- b) List any four types of tides (4mks)
- c) State four factors that influence wave transportation (4mks)
- d) Yururugirl's school, form 4 Geography class carried out a field study at a wave deposition site at the coast of Mombasa.
- i. List any four wave depositional features they might have observed.(4mks)
 - ii. Explain any two factors influencing the type of coast they might have studied. (4mks)
 - iii. Give any three benefits they might have enjoyed due to conducting reconnaissance to their place of study (3mks)
 - iv. List two ways the learners might have used in collecting the data(2mks)
 - v. Mention any two types of coral reef they might have studied during the period of their study (2mks)

10.a) Name three major deserts found in:

- i. Africa (3mks)
- ii. Give two processes in which wind erodes the earth's surface (2mks)
- iii. Explain three ways in which wind transport its load (6mks)

b) Using well labeled diagrams, explain how the following desert features are formed.

- i. Yardangs (5mks)
- ii. Mushroom block (6mks)

c) The diagram below represents features resulting from wind deposition in a desert



Use it to answer questions that follow

- i. Name the above feature (1mk)
- ii. Name the parts marked; (2mks)
J & L

NAME.....ADM NO.....

SCHOOL.....CLASS.....

DATE.....

GEOGRAPHY MOCKS

SERIES 1 TRIAL 5 PAPER 2

Kenya Certificate of Secondary Exams

TIME:2HRS

INSTRUCTIONS TO STUDENTS

- *This paper has two sections A and B.*
- *Answer ALL the questions in section A. In section B answer questions 6 and any other TWO questions.*

FOR EXAMINER'S USE ONLY

SECTION	QUESTIONS	MAXIMUM	CANDIDATE'S SCORE
A	1-5	25	
B	6	25	
	7	25	
	8	25	

SECTION A (25MKS)

Answer ALL the questions from this section

1. i) Mention **two** irrigation schemes established in Kisumu County with the aim of land rehabilitation (2mks)
ii) What is a polder? (1mk)
iii) Name **three** crops grown in the polder (3mks)
2. i) Distinguish Horticulture and market gardening (2mks)
ii) State **three** problem facing horticultural farming in Kenya (3mks)
3. i) Define the term mining? (2mks)
ii) State any **three** negative effects of mining to the environment (3mks)
4. i) Give **two** indigenous soft wood trees grown in Kenya (2mks)
ii) State **three** problems facing forestry in Canada (3mks)
5. a) Name **three** types of fish (2mks)
b) State **three** problems facing fishing in JAPAN (2mks)

SECTION B

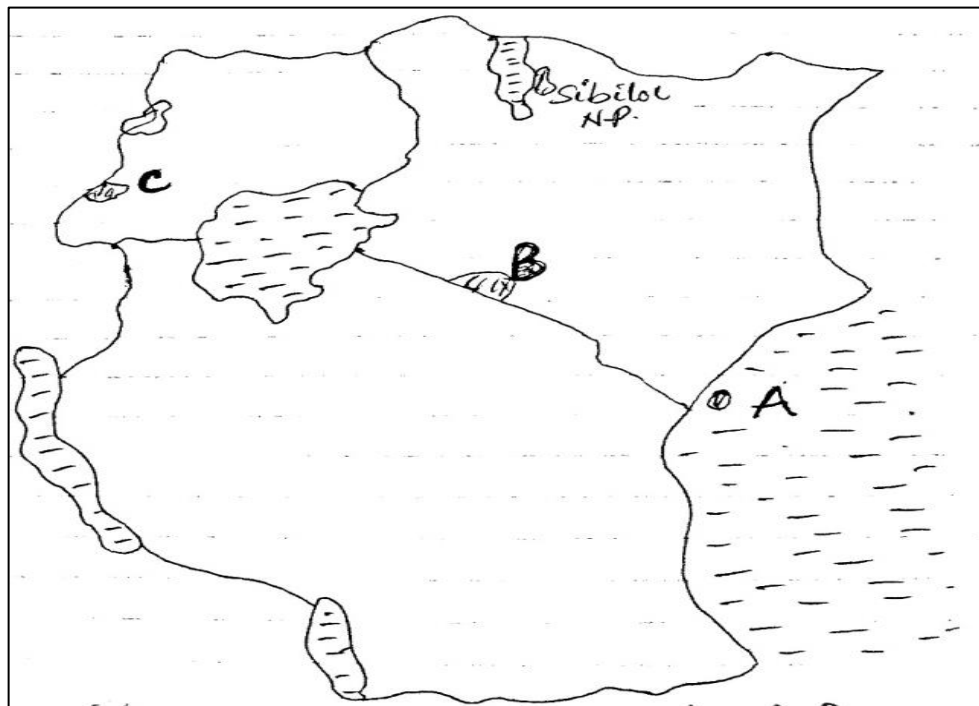
Answer question 6 and any other two questions

6. a) Study the information provided. Later answer the questions that follows
Crop production in Kenya between 1998 and 2002 in million bags.
Use a scale of 1cm represents 5 million bags

CROP/YEAR	1998	CT	1999	CT	2000	CT	2001	CT	2002	CT
Maize	27.30		25.00		25.00		30.00		26.00	
Beans	3.00		4.00		3.70		4.10		4.00	
Sorghum	0.90		1.20		0.90		1.20		0.80	
Millet	0.37		0.66		0.40		0.50		0.60	

- CT refers to the cumulative totals
 - i. Using a suitable scale, draw a cumulative bar graph based on data provided above. (Provide graph paper) (10mks)

- ii. Calculate the maize percentage decline in production between years 2001 and 2002. (2mks)
- iii. What general conclusion can be made based on crop production between years 2000 and 2001 (2mks)
- b) i) Apart from tsetse fly control mention five other methods used to reclaim land in Kenya (5mks)
- ii) Explain any three control measures applied to eliminate tsetse flies in Kenya. (6mks)
- 7. a) i) Define wildlife (2mks)
- ii) Distinguish between agame sanctuary and a game ranch (4mks)
- iii) Study the following map of East Africa and answer the questions below.



- Name National parks marked A, B & c (3mks)
- b) i) Explain four factors showing the future of tourism Industry in Kenya (8mks)
- ii) Explain how the following factors influence wildlife
 - i. Vegetation (4mks)
 - ii. Altitude (4mks)
- 8. a) i) What is fishing (2mks)
- ii) Name the two major fishing ground in the Pacific Ocean (2mks)

- iii) Name four fresh water fisheries in Kenya (4mks)
- b) i) Explain four reasons why Fresh water fishing is more popular than marine fishing in East Africa. (8mks)
- ii) Describe trawling as a method of fishing (7mks)
- iii) Distinguish phytoplankton and zooplankton (2mks)
9. a) i) Name two main types of coffee grown in Kenya (2mks)
- ii) Identify two counties in Kenya where coffee is grown in large scale (2mks)
- b) i) State four factors favoring growing of coffee in Kenya (4mks)
- ii) Describe the stages of coffee processing once it's delivered to the factory (9mks)
- c) i) Explain two benefits of coffee farming in Kenya (4mks)
- ii) State four problems facing coffee farmers in Kenya (4mks)
10. a) i) Give three by-products of crude oil (3mks)
- ii) List four ways through which occurrence of minerals is influenced. (4mks)
- b) Explain four contribution of mining Industry to economy (8mks)
- c) Name the minerals found in the following areas in East Africa (4mks)
- i. Kariandusi
 - ii. Kerio Valley
 - iii. Kwale County
 - iv. Lake Magadi
- d) i) State four factors influencing mineral exploitation (4mks)
- ii) Give two uses of Gold (2mks)

NAME.....ADM NO.....

SCHOOL.....CLASS.....

DATE.....

GEOGRAPHY MOCKS

SERIES 1 TRIAL 6 PAPER 1

Kenya Certificate of Secondary Exams

TIME:2HRS

INSTRUCTIONS TO STUDENTS

- *This paper has two sections A and B.*
- *Answer ALL the questions in section A. In section B answer questions 6 and any other TWO questions.*

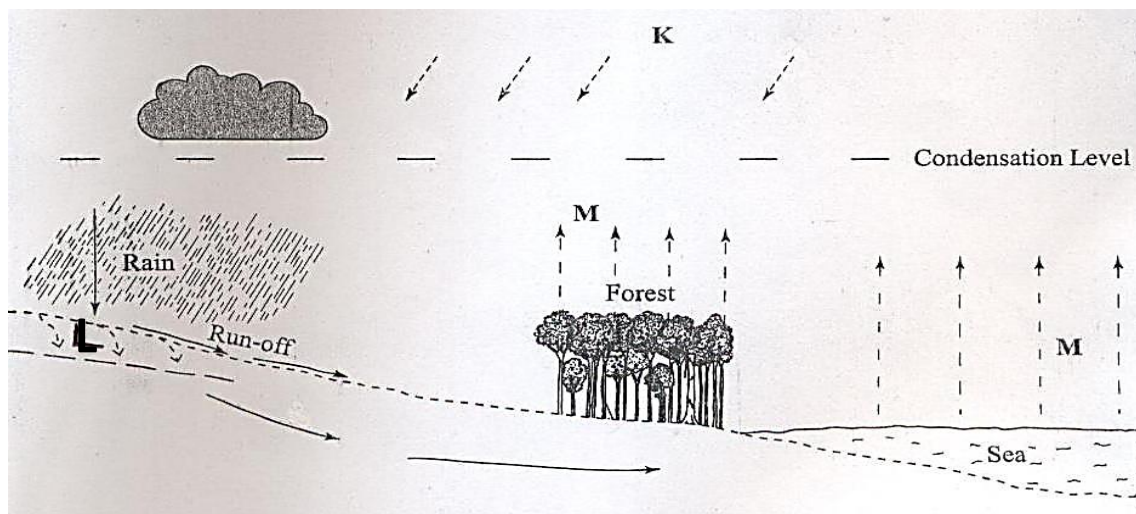
FOR EXAMINER'S USE ONLY

SECTION	QUESTIONS	MAXIMUM	CANDIDATE'S SCORE
A	1-5	25	
B	6	25	
	7	25	
	8	25	

SECTION A: 25 MARKS

Answer ALL questions in this section

1. Describe the formation of planet earth according to the passing star theory. **(5 marks)**
2. (a) Give **two** examples of sedimentary rocks. **(2 marks)**
(b) State **three** characteristics of sedimentary rocks. **(3 marks)**
3. (a) Differentiate between weathering and mass wasting. **(2 marks)**
(b) State **three** causes of landslides. **(3 marks)**
4. a) The diagram below shows the hydrological cycle. Study and use it to answer the question that follows.



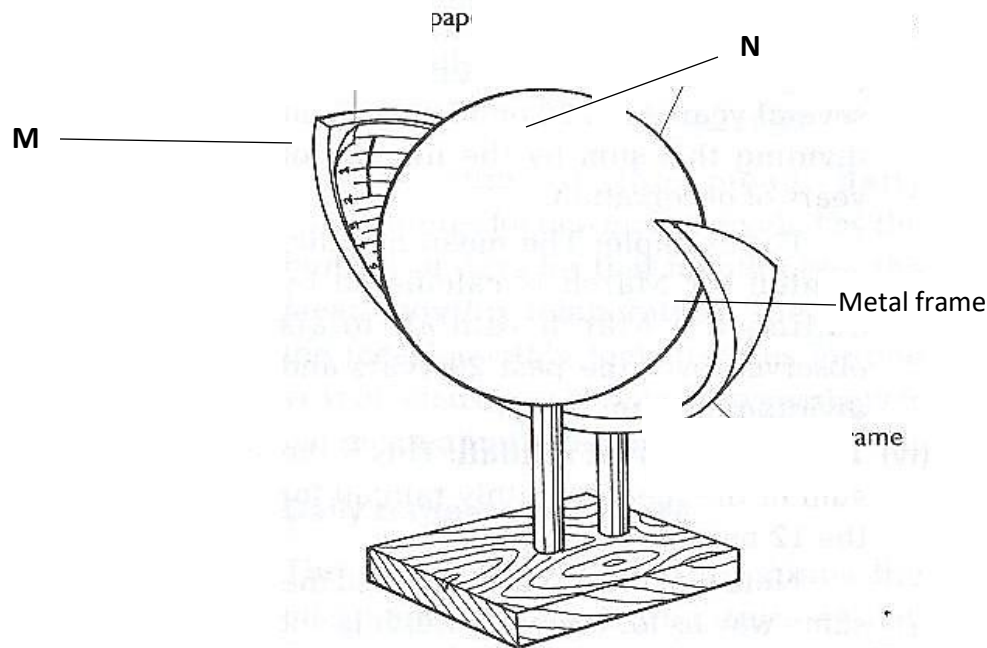
- (a) Identify the processes marked **K** and **L**. **(2 marks)**
- (b) State **three** characteristics of a flood plain. **(3 marks)**
5. (a) State **two** reasons why wind erosion is dominant in arid areas. **(2 marks)**
(b) Describe how a Bajada is formed. **(3 marks)**

SECTION B

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

6. Study the map of Taita hills, **1:50,000** sheet provided and answer the question that follow.
 - (a)
 - (i) What is the latitudinal and longitudinal extent of Taita Hills map extract? **(2 marks)**
 - (ii) Convert the ratio scale of the map into statement. **(2 marks)**

- (b) Citing evidence from the map, identify four social activities in the area covered by Taita Hills. (4 marks)
- (c) (i) Draw a rectangle 20cm by 16cm from Easting 32 to 37 Northings 14 to 18. (2 marks)
- (ii) On the rectangle mark and name; (4 marks)
- Taita sisal estate
 - Hills
 - Main track/motorable
 - River
- (iii) Calculate the new scale of the drawn rectangle. (2 marks)
- (d) Citing evidence, explain three ways how relief has influenced the distribution of settlement in Taita Hills. (6 marks)
- (e) Describe the vegetation in the area covered by the map. (3 marks)
7. (a) Name two instruments kept in a Stevenson screen. (2 marks)
- (b) The diagram below shows a weather measuring instrument. Use it to answer the questions below.



- (i) Name the parts marked **M** and **N**. (2 marks)
- (ii) Describe how the instrument works. (4 marks)

- (c) The table below shows climatic figure for station Q. Use it to answer the questions that follow.

Months	J	F	M	A	M	J	J	A	S	O	N	D
Temp in $^{\circ}\text{C}$	30	31	31	29	27	27	28	29	28	28	27	30
Rainfall in mm	257	246	231	234	207	201	218	227	234	240	235	230

- (i) Calculate the annual range of temperature for station Q. (2 marks)
- (ii) Give four characteristics of climate for station Q. (4 marks)
- (d) With the aid of a well-labelled diagram, describe the formation of cyclonic rainfall. (6 marks)
- (e) You intend to carry out a field study of a weather station in your school.
- (i) Give **two** methods of recording data that you are likely to use. (2 marks)
- (ii) State **three** reasons why the recording of data at a school weather station may be inaccurate. (3 marks)
8. (a) (i) Distinguish between a fault and a fold. (2 marks)
- (ii) Give three factors that influence folding. (3 marks)
- (b) Describe how isostatic adjustment cause earth movement. (5 marks)
- (c) Describe how plate tectonic movements cause fold mountain formation. (5 marks)
- (d) (i) Name two features resulting from faulting. (2 marks)
- (ii) Explain how faulting influences drainage of an area. (8 marks)
9. (a) Distinguish between soil profile and soil catena. (2 marks)
- (b) Explain how the following factors influence soil formation:
- (i) The parent rock (4 marks)
- (ii) Relief (2 marks)
- (c) Describe laterization process of leaching. (4 marks)
- (d) State **three** importance of soil structure. (3 marks)

10. (e) Give **two** characteristics of Azonal soils. (2 marks)
- (f) Explain **four** causes of physical soil degeneration. (8 marks)
- (a) (i) Define the term Moraine. (2 marks)
- (ii) State **three** conditions necessary for the formation of ice. (3 marks)
- (b) Describe how ice moves through the following:-
- (i) Basal slip (3 marks)
- (ii) Extrusion flow (3 marks)
- (c) Describe how an arete is formed. (6 marks)
- (d) Explain the **four** Significance of lowland glaciated features to human activities. (8 marks)

NAME.....ADM NO.....

SCHOOL.....CLASS.....

DATE.....

GEOGRAPHY MOCKS

SERIES 1 TRIAL 6 PAPER 2

Kenya Certificate of Secondary Exams

TIME:2HRS

INSTRUCTIONS TO STUDENTS

- *This paper has two sections A and B.*
- *Answer ALL the questions in section A. In section B answer questions 6 and any other TWO questions.*

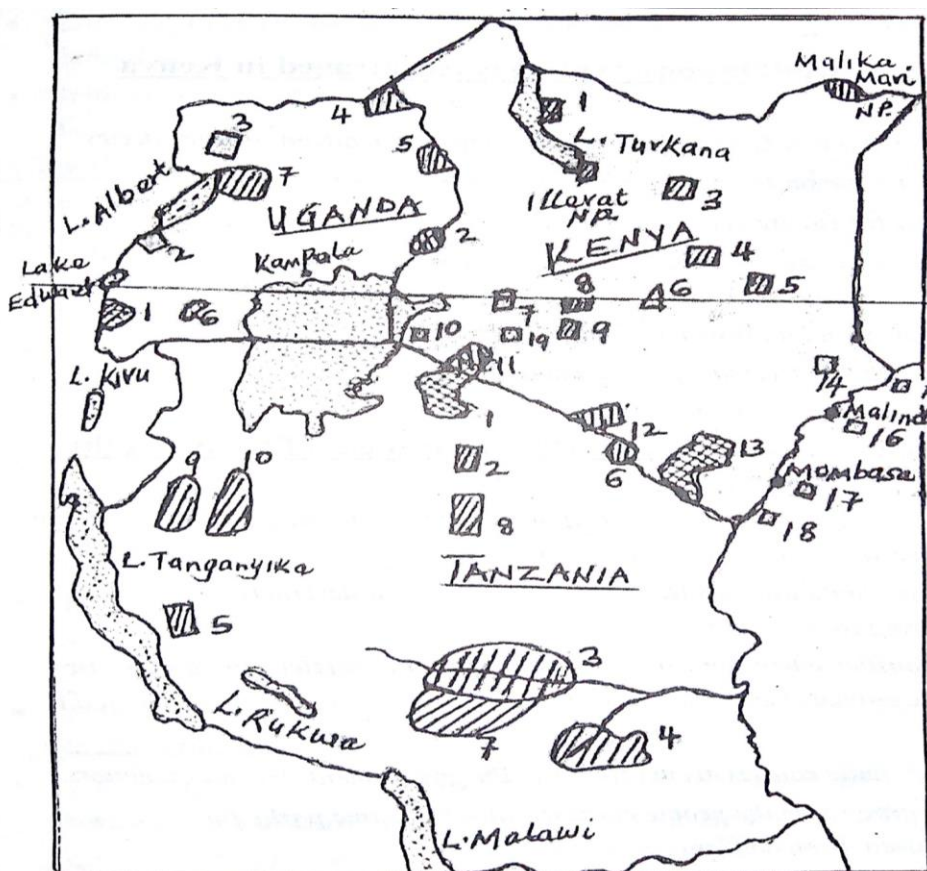
FOR EXAMINER'S USE ONLY

SECTION	QUESTIONS	MAXIMUM	CANDIDATE'S SCORE
A	1-5	25	
B	6	25	
	7	25	
	8	25	

SECTION A:

Answer ALL questions in this section

1. a). Define mining. (2marks)
 b). State three factors influencing the occurrence of minerals. (3marks)
2. a). State three advantages of Hydro-electric power in Kenya. (3marks)
 b). Give two measures of conservation energy. (2marks)
3. (a) Study the map below of East Africa and use it to answer questions.
 Name
 (i). The National Park marked 2. (1mk)
 (ii). The Game Reserve marked 4. (1mk)
 (iii). The game sanctuary marked 7. (1mk)



- (b) State three reasons why Switzerland receives more tourists than Kenya. (3marks)
4. Identify four factors which have contributed to the growth of Mombasa as an international port. (4marks)
5. Outline the stages of reclamation of land from the sea in the Netherlands through the Zuider Zee project. (5marks)

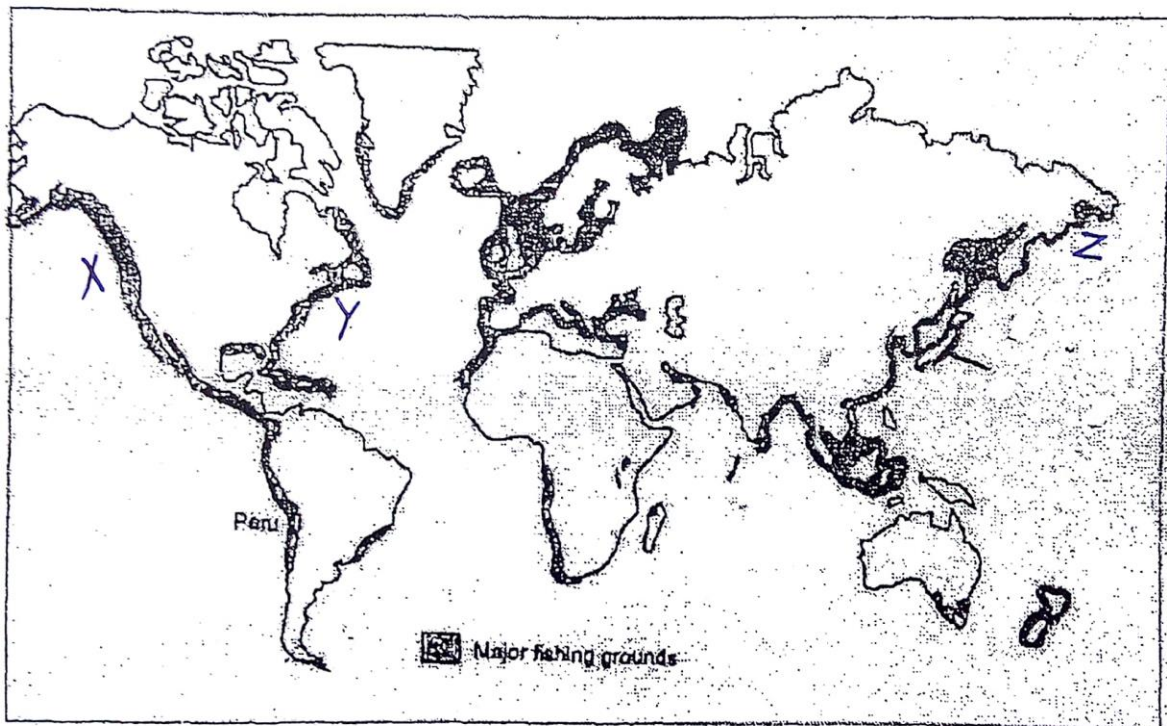
SECTION B

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

6. (a). The table below shows maize production in Kenya per county; between 2017 – 2018 in `000 kgs.

County \ Year	2017	2018
Trans – Nzoia	33,055	34,065
Uasin – Gishu	27,060	30,040
Nakuru	12,022	14,145
Bomet	11,336	10,272
Narok	10,678	12,128
TOTAL	83,352	100,650

- (i). Using a scale of ***1cm to represent 10 million kgs***, draw a divided rectangle to represent the data for maize production in 2018. (6marks)
- (ii). Describe the production of maize in the 5 counties in Kenya. (4marks)
- (iii). State ***three*** disadvantage of using a divided rectangle to represent the above data. (3marks)
- (b). State ***three*** physical conditions that favour maize growing in Kenya. (3marks)
- (c). Give ***three*** problems facing maize farmers in Kenya. (3marks)
- (d). Explain ***three*** ways in which the government of Kenya can assist maize farmers in Kenya. (6marks)
7. (a) State ***four*** physical factors that favored the establishment of Ruhr Industrial region in Germany. (4marks)
- (b). Explain ***four*** problems arising from industrialization in Kenya. (8marks)
- (c). State ***five*** characteristics of cottage industry in India. (5marks)
- (d). Form ***four*** students in your school carried a field study on Thika town.
- (i). Give ***four*** factors that led to growth of Thika as an industrial centre. (4marks)
- (ii). Give ***four*** advantages of studying industry through field work. (4marks)
8. Study the map of the world below and use it to answer question (a) (i)



(a). (i). Name the fishing grounds marked. (3marks)

X -
Y -
Z -

(ii). Explain three physical factors influencing fishing in the region marked X on the map. (6marks)

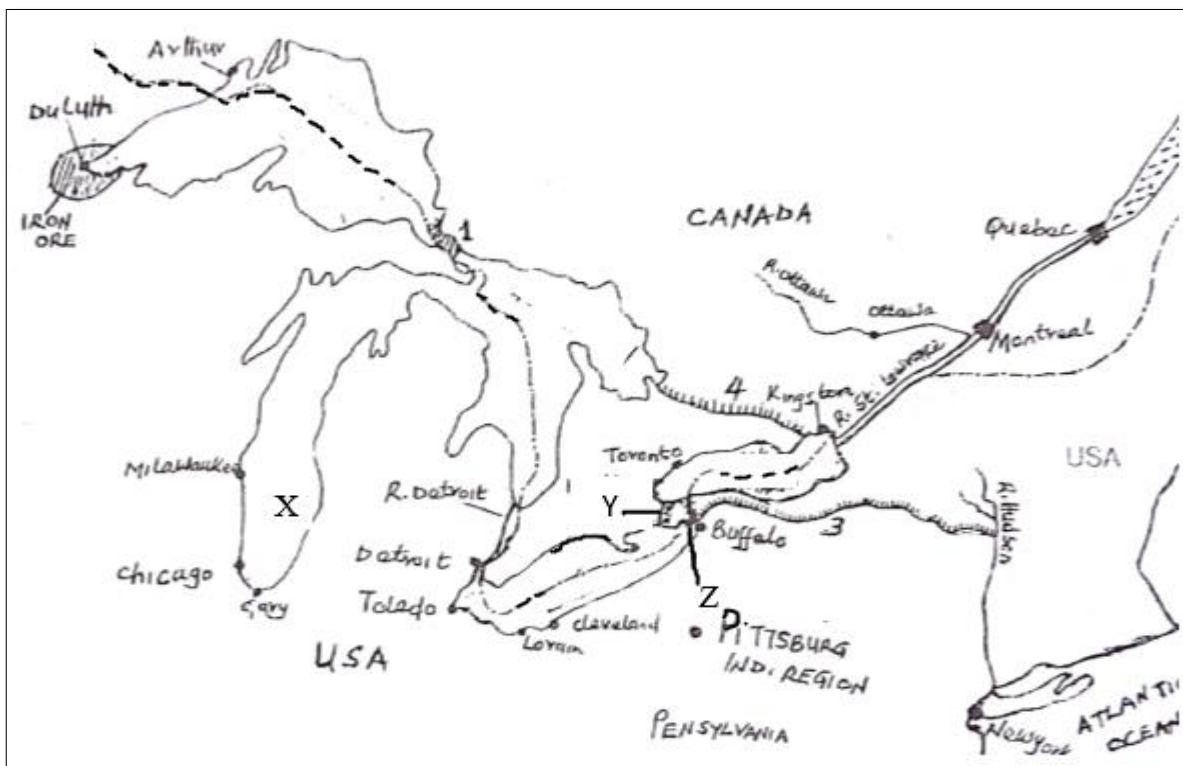
(b) Describe how the basket method is used in catching the fish. (5marks)

(c) (i) State five ways in which marine fisheries in Kenya can be conserved. (5marks)

(ii) Name three methods used to preserve fish in lake Turkana. (3marks)

(d). State three characteristics of demersal fish. (3marks)

9. (a). Study the map outline below shows the Great lakes and St. Lawrence sea way and use it to answer questions below.



(i). Use the map to name the following: (4marks)

- The lake marked X
- The canal marked Y
- The waterfall marked Z

(ii). State five problems and the solutions faced during the construction of the Great lakes and St. Lawrence sea way. (5marks)

(iii). Explain three ways through which the water way has promoted industrialization in the economies of the Canada and U.S.A. (6marks)

(b). State four ways in which the Kenyan government has promoted air transport. (4marks)

(c). What is containerization? (2marks)

(d). Give four advantages of the Great North road. (4marks)

10. (a) Differentiate between management and conservation of environment. (2marks)

(b) (i) State four reasons for the management and conservation of environment. (4marks)

(ii) Give three man-made hazards in your country. (3marks)

(c) State five effects of drought in Kenya. (5marks)

(d) You are planning to carry out a field study on causes of pollution along Nairobi river.

(i) Identify three ways you will need to prepare for the study. (3marks)

(ii) Identify five causes of pollution you are likely to see along Nairobi river. (5marks)

(ii) What are possible follow-up activities that students will be involved in after the study? (3marks)

NAME.....ADM NO.....

SCHOOL.....CLASS.....

DATE.....

GEOGRAPHY MOCKS

SERIES 1 TRIAL 7 PAPER 1

Kenya Certificate of Secondary Exams

TIME:2HRS

INSTRUCTIONS TO STUDENTS

- *This paper has two sections A and B.*
- *Answer ALL the questions in section A. In section B answer questions 6 and any other TWO questions.*

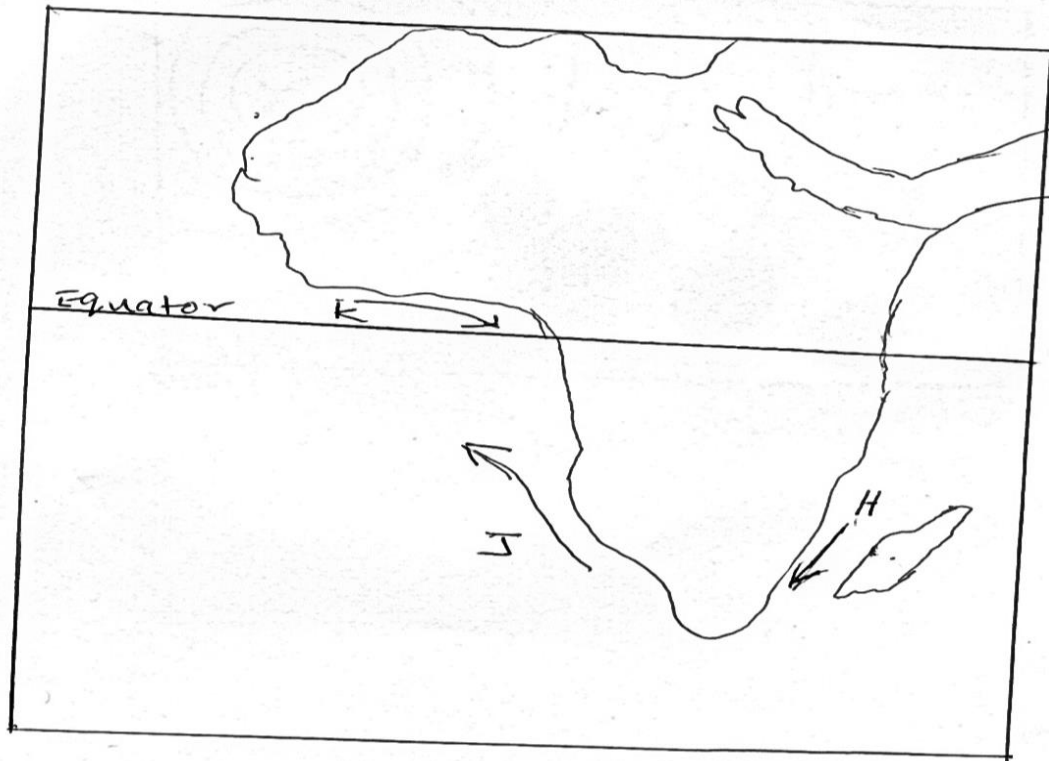
FOR EXAMINER'S USE ONLY

SECTION	QUESTIONS	MAXIMUM	CANDIDATE'S SCORE
A	1-5	25	
B	6	25	
	7	25	
	8	25	

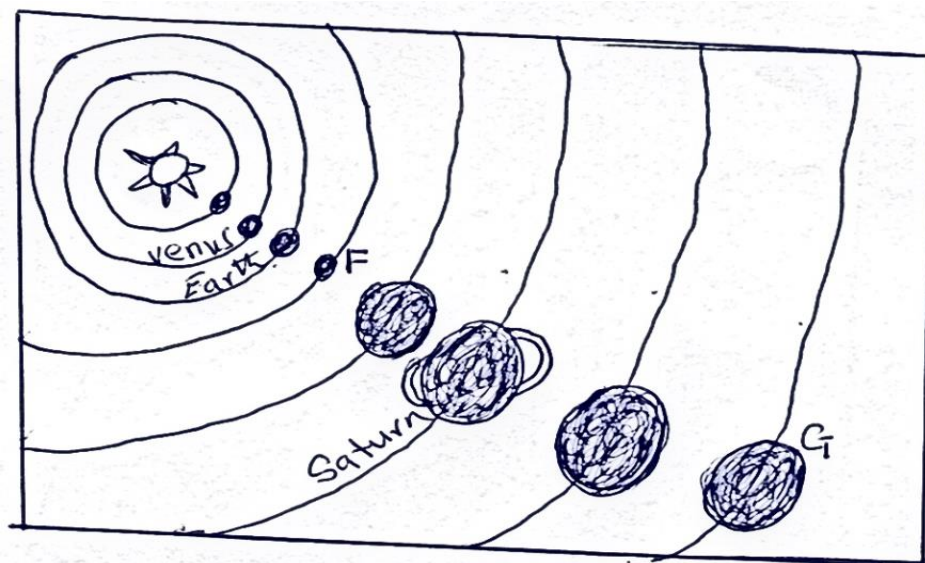
SECTION A

Answer all the questions in this section.

1. a) How does a sea breeze occur? (2 mks)
b) Use the map of Africa below to answer question b(i).



- i) Name the ocean current marked H, J and K. (2 mks)
ii) State two effects of a warm ocean current on the adjacent coastlands. (2 mks)
2. Give two processes involved in each of the following types of weathering.
- a) Physical weathering (2mks)
b) Chemical weathering (2 mks)
3. The diagram below shows the composition of the solar system.



- a) Name two planets marked F and G. (2 mks)
- b) State three effects of the rotation of the earth on its axis. (3 mks)
4. a) Give the specific dates of the year when the overhead position of the midday sun is at the following latitudes;
- Tropic of cancer (1 mk)
 - Tropic of Capricorn (1 mk)
 - Equator (2 mks)
- b) Give two characteristics of winter solstice. (2mks)
5. The table below represents rainfall and temperature figures for a town in Africa. Use it to answer the questions that follow.

Month	J	F	M	A	M	J	J	A	S	O	N	D
Temp (°c)	27	28	28	28	27	25	25	24	25	26	27	26
Rainfall (mm)	25	38	99	140	277	439	277	69	142	201	71	25

- a) i) Calculate the annual range of temperature for the town. (1 mk)
- ii) Calculate the total annual rainfall for the town. (1mk)
- b) State two characteristics of the climate experienced in the town. (2 mks)

SECTION B

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

6. Study the map of Taita Hills (sheet 189/4) and answer the following questions.
- a) i) Identify the type of map you have been provided with. (1 mk)

- ii) Give three reasons for your answer in (a) (i) above. (3 mks)
- b) i) Convert the scale of the map provided into a statements scale. (2 mks)
- ii) Identify three man-made features found in the grid square 3926. (3mks)
- c) i) Identify three types of natural vegetation in the area covered by the map. (3 mks)
- ii) Draw a rectangle of 8cm by 6cm to represent the area between easting 39 and 43 and between northing 26 and 29.
- In your rectangle show the following;
- Dam
 - River
 - Loose surface road
 - Thicket
- (6 mks)
- d) Students from one of the schools in the area covered by the map were intending to carry out a field study on economic activities in the area.
- i) Giving evidences, state three economic activities they would identify. (3 mks)
- ii) Give two methods of data collection they could use. (2 mks)
- iii) Give two problems they are likely to face in their field study. (2 mks)
7. a) i) Define the term weathering. (2 mks)
- ii) Give five processes involved in physical weathering. (5 mks)
- b) Describe two ways in which plants cause weathering. (4 mks)
- c) Describe the formation of an exfoliation dome. (6 mks)
- d) Describe how the following factors influence weathering.
- i) Topography (4 mks)
- ii) Temperature changes (4 mks)
8. a) Name four types of faults. (4 mks)
- b) Identify three causes of faulting. (3 mks)
- c) Describe the formation of Rift Valley by compressional forces. (6 mks)

d) State any three features resulting from faulting other than Rift Valley. (3 mks)

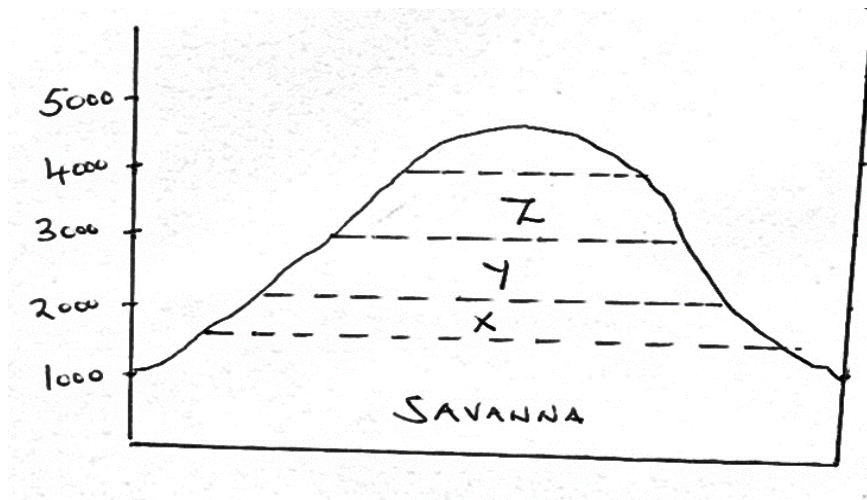
e) Student from Igoji Secondary carried out a field study in a nearby faulted area.

i) What were their sources of data. (3 mks)

ii) State three positive effects of faulting in the area they noted. (3 mks)

iii) Identify the problems they were likely to encounter in their study.(3 mks)

9. The diagram below represents zones of natural vegetation on a mountain. Use it to answer questions in (a)



a) i) Name the zones X, Y and Z. (3 mks)

ii) Describe the characteristics of savanna vegetation. (5 mks)

iii) State two reasons why the mountain top has no vegetation. (2 mks)

b) Explain three factors that have led to decline of normal grassland in Kenya. (6 mks)

c) You are planning to carry out a field study in your forest.

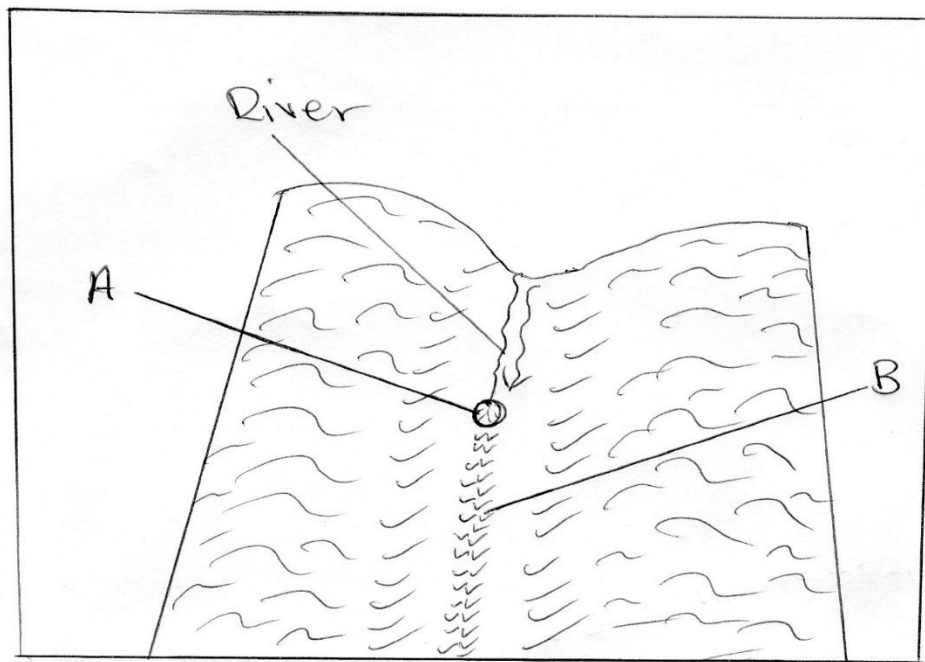
i) Give three reasons why it is important to seek permission from the school. (3 mks)

ii) List three sources of information you are likely to use before the actual field study. (3mks)

iii) Identify four challenges you are likely to encounter during field study. (3 mks)

10. a) What is karst scenery? (2 mks)

b) The diagram below shows features in a karst scenery.



- i) Name the feature marked **A** and **B**. (2mks)
- ii) Describe how the feature marked **A** is formed. (6 mks)
- iii) Name three underground features of a karst scenery. (3 mks)
- c) Explain four conditions necessary for the development of karst scenery. (8 mks)
- d) Give four reasons as to why there are few settlements in a karst scenery. (4 mks)

NAME.....ADM NO.....

SCHOOL.....CLASS.....

DATE.....

GEOGRAPHY MOCKS

SERIES 1 TRIAL 7 PAPER 2

Kenya Certificate of Secondary Exams

TIME:2HRS

INSTRUCTIONS TO STUDENTS

- *This paper has two sections A and B.*
- *Answer ALL the questions in section A. In section B answer questions 6 and any other TWO questions.*

FOR EXAMINER'S USE ONLY

SECTION	QUESTIONS	MAXIMUM	CANDIDATE'S SCORE
A	1-5	25	
B	6	25	
	7	25	
	8	25	

SECTION A

Answer all the questions in this section.

1. a)Identify **two** hard wood tree species in Kenya. (2 mks)
b)Give **two** ways in which tree harvesting in Kenya differ from that of Canada. (4 mks)
2. a)Name **two** tourist attractions along the Kenyan coast. (2 mks)
b)State **two** physical factors that attract tourists in Switzerland. (2 mks)
3. a)Name **two** exotic breeds of dairy cattle reared in Kenya. (2 mks)
b)State **three** physical conditions that favour dairy farming in Kenya. (3 mks)
4. a)Name **two** prairies provinces of Canada where wheat is grown on large scale. (2mks)
b)Give **three** physical conditions that favour large scale wheat farming in prairies provinces of Canada. (3 mks)
5. a)What is a polder? (2 mks)
b)Name **three** crops grown in the polders. (3 mks)

SECTION B

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

6. The table below shows the number of tourists who visited Kenya from various parts of the world in 2005 and 2006. Use it to answer questions (a) and (b).

Place of origin	No. of tourist per year	
	2005	2006
Europe	942,000	965,000
Africa	120,000	154,000
Asia	97,000	128,000
North America	94,000	103,000
Australia & New Zealand	19,000	24,000
All other countries	29,000	41,000
Total	1,301,000	1,415,000

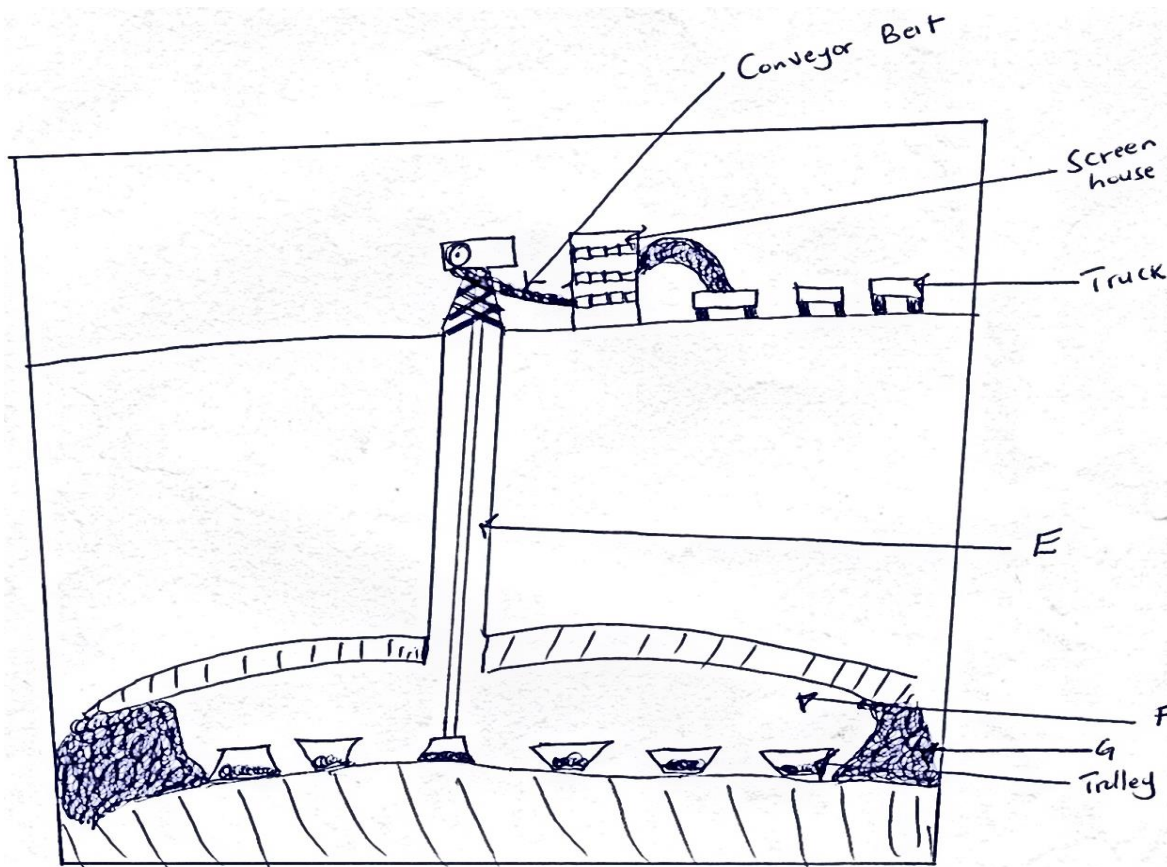
- a) i) Which continent had the highest increase in the number of tourist visiting Kenya between 2005 and 2006. **(2 mks)**
- ii) Calculate the percentage increase of tourist from Australia & New Zealand between 2005 and 2006. **(2 mks)**
- iii) Draw a divided rectangle of 15cm long to represent the number of tourist that visited Kenya in 2005. Show your working. **(10 mks)**
- b) i) State two advantages of using divided rectangle to represent geographical data. **(2 mks)**
- ii) Give four reasons why in 2005 and 2006 there were more tourist visiting Kenya from Europe compared to those from other part of world. **(4 mks)**
- c) Give five reasons why domestic tourism is being encouraged I n Kenya.

7. a) The table below shows the quantity of minerals produced in Kenya in tonnes between year 2001 and 2005. Use it to answer questions a (i) and (ii).

Minerals/year	2001	2002	2003	2004	2005
Soda ash	297,780	304,110	352,560	353,835	360,161
Fluorspar	11,885	85,015	80,201	117,986	109,594
Salt	5,664	18,848	21,199	31,139	26,595
Others	6,093	7,000	4,971	6,315	8,972

Source: Survey 2006

- i) Calculate the average annual production of soda ash over the 5 year period. **(2 mks)**
- ii) Calculate the total mineral production for the year 2003. **(1 mk)**
- iii) Give three uses of soda ash. **(3 mks)**
- b) The diagram below shows shaft mining.



- i) Name the parts marked E, F, G. (3 mks)
- ii) State two problems associated with shaft mining. (2 mks)
- c) Explain four ways in which gold mining has contributed to the economy of South Africa. (8 mks)
- d) Explain three negative effects of mining on the environment. (6 mks)
8. a) Name three cocoa growing areas in Ghana. (3 mks)
- b) i) Outline the stages involved in the processing of cocoa from harvesting to the time it is ready for export. (6 mks)
- ii) List four problems experienced by cocoa farmers in Ghana. (4 mks)
- c) State four physical conditions necessary for growing of cocoa. (4 mks)
- d) You intend to carry out a field study on agricultural activities around your school.
- i) State four preparations that you would make for your study. (4 mks)
- ii) Give four following activities you would carry out after the field study. (4 mks)
9. a) Differentiate between land reclamation and land rehabilitation. (2 mks)
- b) State three methods used in reclaiming land in Kenya. (3 mks)

c) State three methods used to control tsetse flies in Lambwe valley in Kenya. **(3 mks)**

d) i) Explain four physical conditions favouring rice growing in MweaTebere Irrigation Scheme. **(8 mks)**

ii) Describe the stages in the reclamation of land from the sea in Netherlands. **(7 mks)**

iii) Name two major projects involved in reclaiming land in Netherlands. **(2 mks)**

10. a) i) Define fisheries. **(2 mks)**
- ii) Name two countries in Southern Africa that are important for marine fish production. **(2 mks)**
- b) Explain four factors that favour fishing in Japan. **(8 mks)**
- c) Describe purse seining as a method of fishing. **(6 mks)**
- d) i) State four problems experienced in the marketing of fish in Kenya. **(4 mks)**
- ii) State three ways in which the Kenya government is promoting fishing industry in the country. **(3 mks)**

NAME.....ADM NO.....

SCHOOL.....CLASS.....

DATE.....

GEOGRAPHY MOCKS

SERIES 1 TRIAL 8 PAPER 1

Kenya Certificate of Secondary Exams

TIME:2HRS

INSTRUCTIONS TO STUDENTS

- *This paper has two sections A and B.*
- *Answer ALL the questions in section A. In section B answer questions 6 and any other TWO questions.*

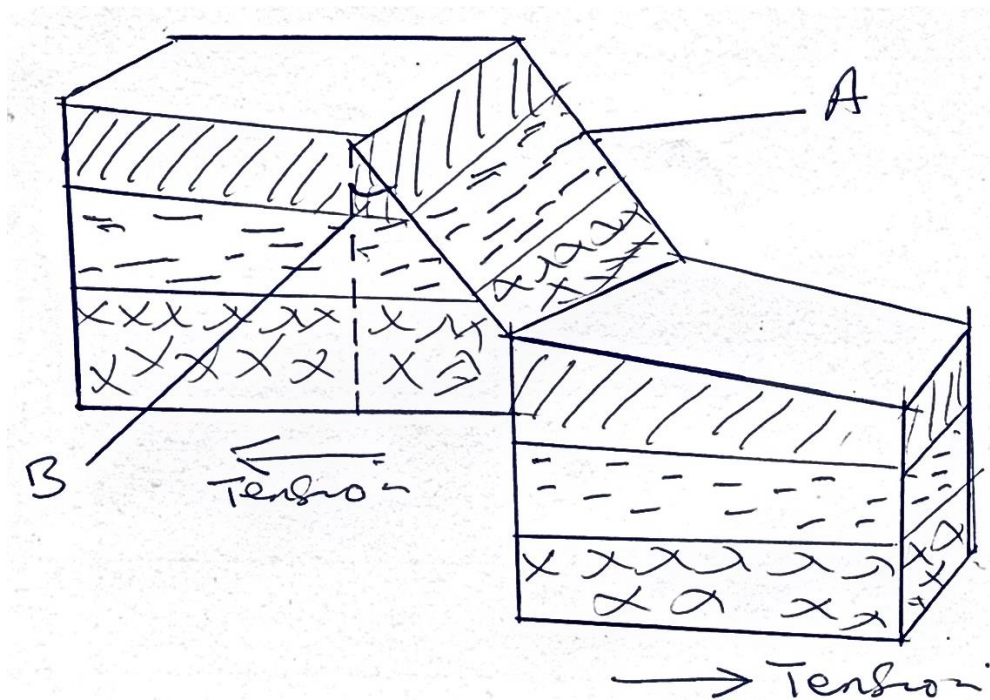
FOR EXAMINER'S USE ONLY

SECTION	QUESTIONS	MAXIMUM	CANDIDATE'S SCORE
A	1-5	25	
B	6	25	
	7	25	
	8	25	

SECTION A

Answer all the questions in this section.

1. The diagram below represents part of the earth's crust which has been subjected to tension forces.



- a) i) Name the slope marked **A**. (1 mk)
ii) Name the angle marked **B**. (1 mk)
- b) State three ways in which faulting can influence drainage systems. (3mks)
2. a) Differentiate between longitudes and latitudes. (2mks)
b) If the local time in Nairobi on longitude 37°E is 10.00 a.m. What will the time be at Buchanan Liberian on longitude 10°W? (3 mks)
3. a) List four characteristics of desert soils. (3 mks)
b) Give two factors that contribute to soil leaching. (2 mks)
4. a) Give the two dates of equinoxes. (2 mks)
b) State three effects of the rotation of the earth. (3 mks)
5. a) Name the type of delta found at the mouth of:

- i) River Nile (1 mk)
- ii) River Omo (1 mk)
- b) State **three** conditions necessary for the formation of a delta. (3 mks)

SECTION B

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

6. Study the map of Oyugis 1:50,000 (sheet 130/1) provided and answer the following questions.
- a) i) State the magnetic declination when this map was drawn. (1 mk)
 - ii) Give the longitudinal extent of the area covered by the map. (1 mk)
 - b) i) Name the feature found at the grid reference (786399). (2 mks)
 - ii) Identify **two** types of vegetation found in the area covered by the map. (2 mks)
 - c) Citing evidence from the map, give four economic activities. (4 mks)
 - d) Students from Tabaka in Oyugis carried out a field study on settlement activities in the area.
 - i) Identify **two** settlement patterns they found depicted in the area. (2 mks)
 - ii) Give **two** problems they were likely to encounter in their study. (2 mks)
 - e) Draw a rectangle measuring 8cm by 6cm to represent area East of Eastings 90 and between Northings 36 and 39. On it indicate: (5 mks)
 - i) District boundary
 - ii) All weather road bound surface
 - iii) Seasonal swamp
7. a) Differentiate between vulcanicity and volcanicity. (2 mks)
- b) i) Other than lava plateau, list down four features resulting from extrusive volcanic activity. (4 mks)
 - ii) Describe how lava plateau is formed. (5 mks)
 - c) Explain **four** ways in which vulcanicity has influenced human activities in Kenya. (8 mks)

- d) You intend to carry out a field study of the landforms around your school.
 i) State three objectives of your study. (3 mks)
 ii) State three methods you would use to record the information you would collect. (3 mks)
8. a) Differentiate between weather and climate. (2 mks)
 b) Describe the climatic conditions experienced in the Kenya highlands. (9 mks)
 c) Explain how the following factors influence climate.
 i) Latitude (2 mks)
 ii) Altitude (2 mks)
 iii) Aspect (2 mks)
 iv) Winds (2 mks)
 d) Explain three ways in which vegetation in the Nyika region of Kenya adapts to the climatic conditions experienced in the area. (6 mks)
9. a) Name three places in East Africa where glaciers are found. (3 mks)
 b) Describe how each of the following glacial features are formed.
 i) Arete (4 mks)
 ii) Pyramidal peak (4 mks)
 iii) Hanging valleys (4 mks)
 c) Explain five benefits of glaciated landscape to man. (10 mks)
10. a) List three processes through which coasts are eroded. (3 mks)
 b) State two causes of submergence of coasts. (2 mks)
 c) Using well labeled diagrams, explain how each of the following features are formed.
 i) Spit (4 mks)
 ii) Blow hole (4 mks)
 d) Some students carried out field study on the coastal features found along the coast of Kenya.

- i) State three preparations they made for their study. (3 mks)
- ii) List three features formed as a result of coastal emergence that they are likely to have studied. (3 mks)
- e) Explain three ways in which features resulting from coastal emergence are of significance to Kenya. (6 mks)

NAME.....ADM NO.....

SCHOOL.....CLASS.....

DATE.....

GEOGRAPHY MOCKS

SERIES 1 TRIAL 8 PAPER 2

Kenya Certificate of Secondary Exams

TIME:2HRS

INSTRUCTIONS TO STUDENTS

- *This paper has two sections A and B.*
- *Answer ALL the questions in section A. In section B answer questions 6 and any other TWO questions.*

FOR EXAMINER'S USE ONLY

SECTION	QUESTIONS	MAXIMUM	CANDIDATE'S SCORE
A	1-5	25	
B	6	25	
	7	25	
	8	25	

SECTION A (25 marks)

Answer all the questions in this section.

1. a) Name two provinces in Canada where wheat is grown in large scales. (2 mks)
b) List three social factors that influence agriculture. (3mks)
c) State two factors that favour mechanization of wheat farming in Canada. (2 mks)
2. a) Name two horticultural crops grown in Kenya. (2 mks)
b) State three reasons why horticulture is more developed in the Netherlands than in Kenya. (3 mks)
3. a) State three reasons why marine fisheries in Kenya are underdeveloped. (3 mks)
b) State three ways through which fish farming contributes to the economy of Kenya. (3 mks)
4. a) Name two conditions that are necessary for the formation of petroleum. (2 mks)
b) List three ways in which open cast mining affects the environment. (3 mks)
5. Apart from desertification, name two other environmental hazards experienced in Kenya. (2 mks)

SECTION B

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

- 6.** The table below shows some of Kenya's imports and exports in 1987. Use it to answer question (a) and (b).

Imports in Tonnes		Exports in Tonnes	
Item	Weight	Item	Weight

Sugar	99,000	Coffee	316,000
Iron & Steel	300,000	Tea	159,000
Fertilizer	84,000	Maize	259,000
Coal	105,000	Soda ash	150,000
Wheat	125,000	cement	225,000
Total	713,000		1,109,000

a) i) Using a radius of 4cm, draw a piechart to represent the data of imports

shown by the table above. **(8 mks)**

ii) State three advantages of using pie charts to represent statistical data. **(3 mks)**

b) Explain why Kenya imports sugar and wheat yet she is a producer of the same commodities. **(6 mks)**

c) Explain four factors that influence importation and exportation of goods into and out of Kenya. **(8 mks)**

7. a) Name three types of industries located in the Ruhr region of Germany other than iron and steel. **(3 mks)**

b) Explain four factors which led to the growth of iron and steel industry in Ruhr region of Germany. **(8 mks)**

c) Explain four ways which Kenya has benefited by assembling motor vehicles locally. **(8 mks)**

d) Describe three problems that are experienced in Kenya as a result of industrial development. **(6mks)**

8. a) Name four sources of electric power other than water. **(4 mks)**

b) List five factors that favour location of hydroelectric power plant. **(5 mks)**

c) Explain five ways in which Kenya has benefited from the development of a seven forks hydroelectric power scheme. **(10 mks)**

d) Explain three problems that Kenya face as a result of over dependence on petroleum. **(6 mks)**

9. a) State three physical conditions necessary for growing of sugarcane. (3 mks)
- b) Describe commercial production of sugarcane from:
- i) Land preparation to harvesting (6 mks)
 - ii) Processing to the marketing of sugar (8 mks)
- c) Geography students from Igoji went for a field study at Mumias sugar factory.
- i) Identify two methods they used to collect data (2 mks)
 - ii) Explain three problems they identified facing sugar-cane farmers in Kenya. (6 mks)
10. a) Distinguish between transport and communication. (2mks)
- b) Name three products transported by pipeline. (3 mks)
- c) Explain why there are few railway lines among African countries. (6 mks)
- d) Explain three ways in which Kenya has benefited from her international airports. (6 mks)
- d) Describe four problems facing transport and communication in Africa. (8 mks)

NAME.....ADM NO.....

SCHOOL.....CLASS.....

DATE.....

GEOGRAPHY MOCKS

SERIES 1 TRIAL 9 PAPER 1

Kenya Certificate of Secondary Exams

TIME:2HRS

INSTRUCTIONS TO STUDENTS

- *This paper has two sections A and B.*
- *Answer ALL the questions in section A. In section B answer questions 6 and any other TWO questions.*

FOR EXAMINER'S USE ONLY

SECTION	QUESTIONS	MAXIMUM	CANDIDATE'S SCORE
A	1-5	25	
B	6	25	
	7	25	
	8	25	

SECTION A

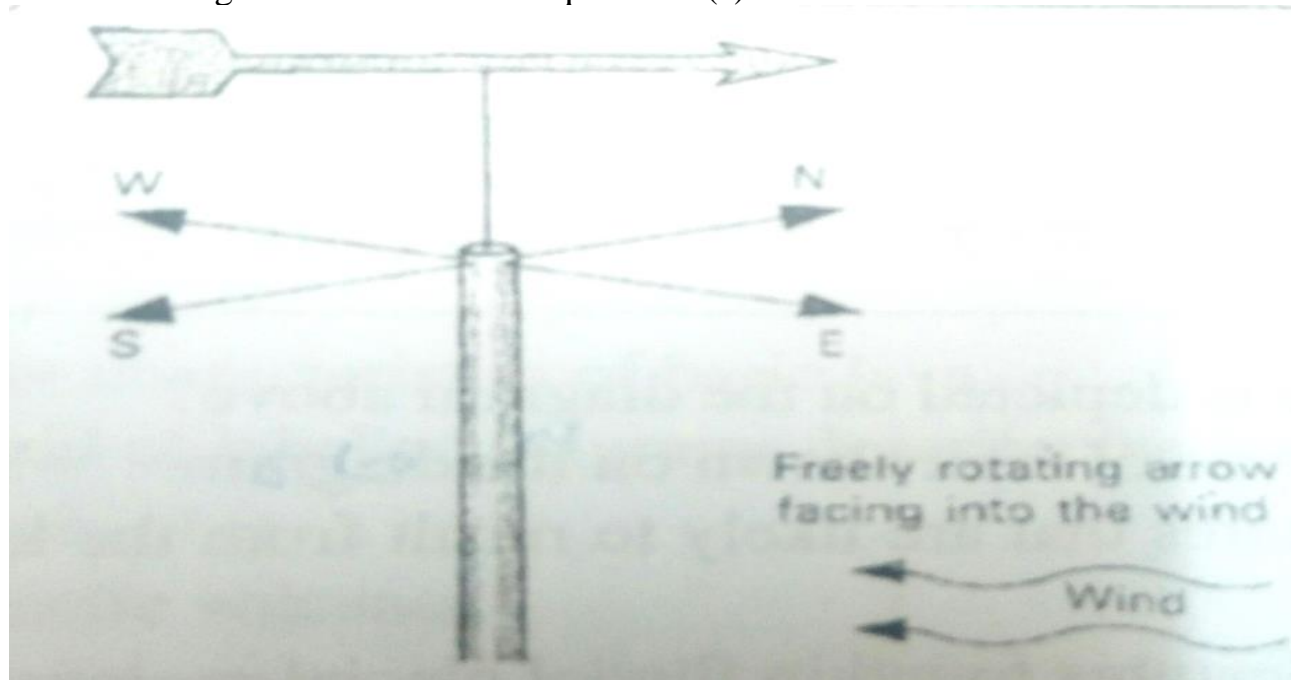
Answer all questions in this section

1. a) What is geography? (2marks)

(b) Name the **two** types of environment. (2marks)

2. Give **three** proofs that the earth is almost spherical in shape. (3marks)

3. Use the diagram below to answer questions (a) below.



a.(i) Name the weather measuring instrument shown in the diagram. (2marks)

(ii) State the element of weather measured by the instrument named in a. (i) above.

(2marks)

(iii) From the diagram, which direction is the wind blowing.

(2marks)

b. Differentiate between absolute humidity and relative humidity.

(2marks)

4. The diagram below shows a coastal landform.



- (a) Name the features marked **P** and **K**. (2marks)
- (b) List down three types of ocean tides. (3marks)
- 5 (a) Name the types of earth movements that occur within the earth's crust. (2marks)
- (b) Describe the origin of continents according to the theory of continental drift. (3marks)

SECTION B

Answer question 6 and any other two from this section.

6. Study the map of **Taita Hills (1:50,000 (189/4))** provided and answer the questions that follows
- a (i) Identify the Province and the District shown on the map. (2marks)
- (ii) Which two methods of showing relief have been used in the map? (3 marks)
- b. (i) Calculate the area covered by Ronge forest. (2marks)
- (ii) Give two natural features found in the grid square 3419. (2marks)
- (iii) Calculate the bearing of the church in grid square **3218** from the school in grid square **3522**. (2marks)
- c. (i) Using a vertical scale of **1cm** to represent **100Metres**, draw a cross section between Grid reference 300190 and grid reference 360190(4marks)
- (ii) On the cross section, mark and label the following features; (4 marks)
- i. A hill
 - ii. A river
 - iii. Thicket
 - iv. Main track (motorable)
- (iii) Calculate the vertical exaggeration of the cross section. (2marks)

(d) Citing evidence from the map, explain two factors influencing the distribution of settlement in the area covered by the map. (4 marks)

7. a. (i) Name three types of faults. (3marks)

(ii) Apart from compressional forces, describe two other processes that may cause faulting. (4 marks)

b. With the aid of diagrams, describe how compressional forces may have led to the formation of the Great Rift Valley. (8marks)

c. Explain five effects of faulting on human activities. (10 marks)

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

(ii) State three factors that makes wind an effective agent of erosion and deposition in the hot deserts. (3 marks)

(b) Describe how a rock pedestal is formed. (5 marks)

(c) Explain four significance of desert features to human activities. (8 marks)

(d) A group of form four students went out for a field study on action of water in an arid area.

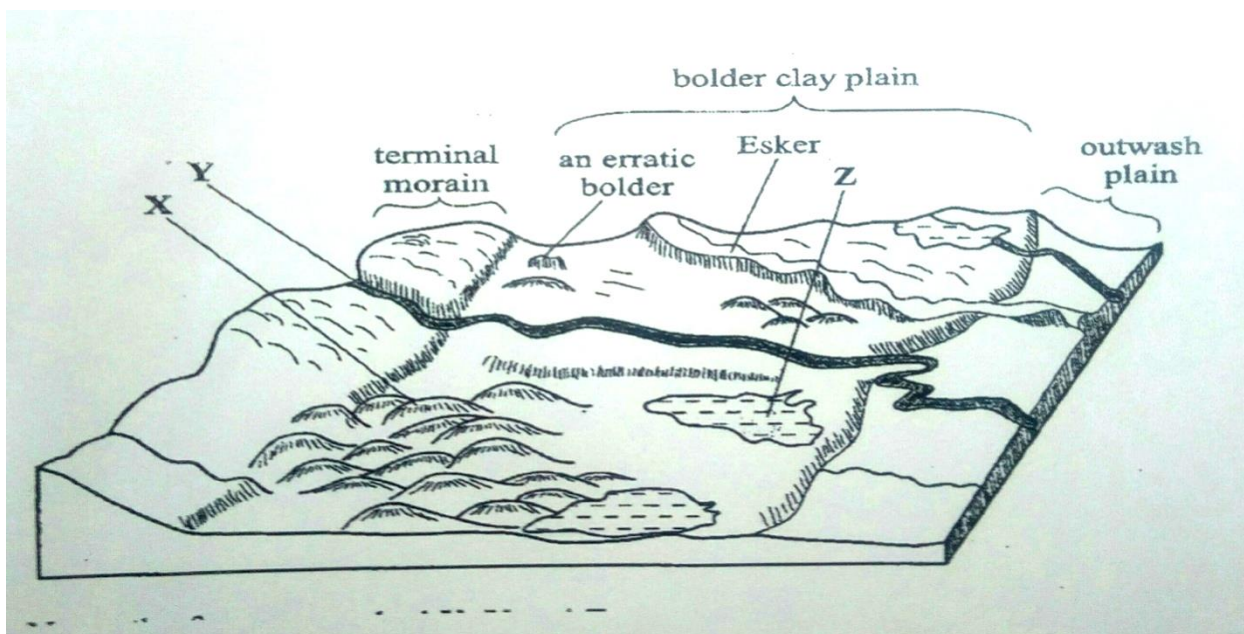
(i) Give three methods of data collection they may have used. (3 marks)

(ii) State four problems they have encountered during the field study. (4marks)

9 (a) Describe plucking as a process in glacial erosion. (4 marks)

(b) Explain three conditions that lead to glacial deposition. (6 marks)

(c) The diagram below shows features resulting from glacial deposition in a lowland area.



- (i) Name the features marked **X**, **Y**, and **Z**. (3 marks)
- (ii) Describe how terminal moraine is formed. (4 Marks)
- (d) Explain four positive effects of glaciation in low land area. (8 marks)
- 10. a)** What is soil catena? (2 marks)
- ii)** Draw a well labeled diagram showing the structure of a well-developed soil profile. (5 marks)
- b)** Differentiate between mineralization and humification in soil formation. (2 marks)
- c)** State three factors that determine the color of soil. (3 marks)
- d) (i)** State four factors that influence soil formation. (4 marks)
- (ii) Explain how the following farming practices can cause soil degradation:
- Burning. (2 marks)
 - Continuous application of fertilizer on farm land. (2 marks)
 - Monoculture. (2 marks)
- iii)** State three uses of soil. (3 marks)

NAME.....ADM NO.....

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DATE.....

GEOGRAPHY MOCKS

SERIES 1 TRIAL 9 PAPER 2

Kenya Certificate of Secondary Exams

TIME:2HRS

INSTRUCTIONS TO STUDENTS

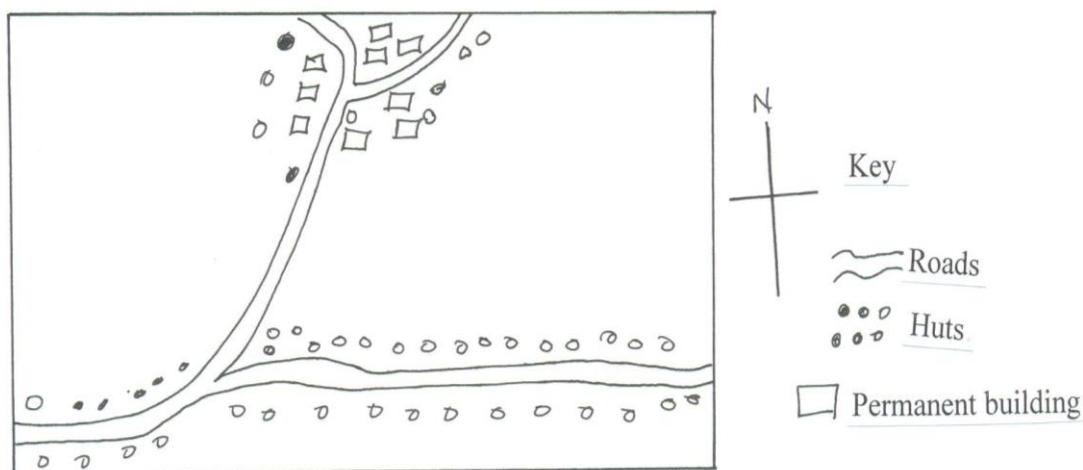
- *This paper has two sections A and B.*
- *Answer ALL the questions in section A. In section B answer questions 6 and any other TWO questions.*

FOR EXAMINER'S USE ONLY

SECTION	QUESTIONS	MAXIMUM	CANDIDATE'S SCORE
A	1-5	25	
B	6	25	
	7	25	
	8	25	

1. (a) Define eco-tourism. (2mks)
(b) State three benefits of eco-tourism. (3mks)
2. (a) Name **two** counties in Kenya where wheat is grown in large scale. (2mks)
(b) List **three** problems facing wheat farmers in Kenya. (3mks)
3. (a) Give **two** types of domestic trade. (2mks)
(b) State **three** factors influencing internal trade in Kenya. (3mks)
4. (a) Differentiate between environmental management and environmental conservation. (2mks)
(b) Give **three** natural environmental hazards you know. (3mks)

5(a) Study the sketch map below and answer the questions that follow

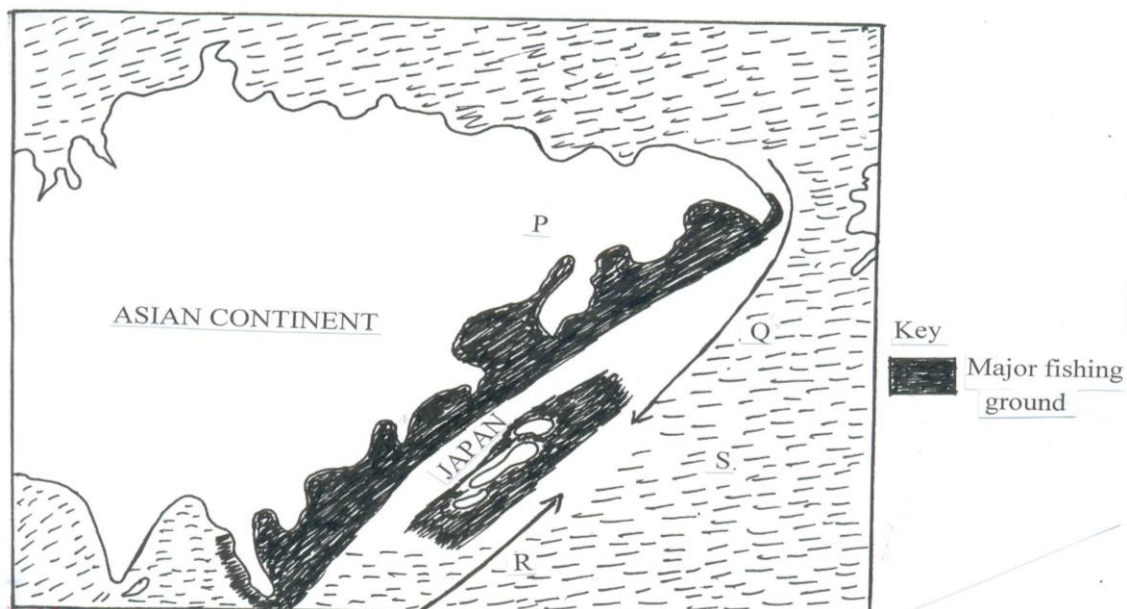


- (a) Identify **two** settlement patterns represented by the sketch map. (2mks)
 - (b) State **three** causes of rural to rural migration. (3mks)
- 6(a) The table below shows East Africa's milk production in '000' litres from 1998 – 2001

Country /Year	1998	1999	2000	2001
Kenya	30	41	36	25
Uganda	20	25	27	29
Tanzania	52	60	65	70

- (i) Draw a compound bar graph to represent the above data. Use a vertical scale of 1cm represents 10 ,000 litres. (7mks)
- (ii) State **two** limitations of compound bar graph in representing data. (2mks)

- (b) (i) Name **three** counties in Kenya where dairy farming is practiced in large scale. (3mks)
- (ii) State **four** similarities between dairy farming in Kenya and Denmark. (4mks)
- (c)(i) Mention **three** types of dairy animals reared in Kenya. (3mks)
- (ii) Explain **three human** factors favoring dairying in Denmark. (6mks)
- 7.(a) (i) Distinguish between transport and communication. (2mk)
- (ii) Explain how construction of transport networks is affected by the following factors.
- Relief (2mks)
 - Economic factors. (2mks)
- (b) (i) State **four** factors that hinder the development of air transport in Africa. (4mks)
- (ii) Name **two** canals that are found in Africa. (2mk)
- (c) State **five** recent developments that have taken place in Kenya to improve communication. (5mks)
- (d) Explain **four** ways in which transport and communication has improved economic development in Africa. (8mks)
- 8.(a) (i) What is fishing? (2mks)
- (ii) Explain **three** ways in which the nature of coastline affects fishing. (6mks)
- (b) (i) State **three** types of fishing carried out in Kenya. (3mks)
- (ii) Describe seining as a modern method of fishing. (3 mks)
- (c) The map below shows the fishing ground East of the Asian Continent. Use it to answer the questions that follow.



- (i) Give the name given to the major fishing ground shown on the map. (1mk)
- (ii) Identify the ocean currents marked Q and R. (2mks)

(iii) Explain four factors that have favored fishing in the ground mentioned in (i) above. (8mks)

9(a) (i) Apart from those in East Africa, name four large scale H.E.P projects in Africa (4mks)

(ii) Other than water, give three other sources of renewable energy. (3mks)

(b) Explain four factors that have hindered full development of H.E.P production in Kenya (8mks)

(c) Mention four areas in Kenya with high potential for Geothermal power. (4mks)

(d) A form four class in Machakos county is planning a field study to Gitaru H.E.P. dam.

(i) State three reasons why they need to inform the school authority. (3mks)

(ii) Give three follow-up activities they engaged in school after the study. (3mks)

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

ii) Explain three reasons why some industries consider regular supply of water as the main reason for their location. (6 mks)

(b) Outline four similarities between Jua Kali industry in Kenya and cottage industry in India. (4 mks)

(c) Explain three factors that have influenced the location of iron and steel industry in the Ruhr region of Germany in the 19th century. (6 mks)

(d) You intend to carry out a field study in Thika industrial area.

i) State four effects of the industries on the environment you are likely to observe. (4mks)

ii) State three reasons why it is important to prepare a working schedule for the study.

(3mks)

NAME.....ADM NO.....

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GEOGRAPHY MOCKS

SERIES 1 TRIAL 10 PAPER 1

Kenya Certificate of Secondary Exams

TIME:2HRS

INSTRUCTIONS TO STUDENTS

- *This paper has two sections A and B.*
- *Answer ALL the questions in section A. In section B answer questions 6 and any other TWO questions.*

FOR EXAMINER'S USE ONLY

SECTION	QUESTIONS	MAXIMUM	CANDIDATE'S SCORE
A	1-5	25	
B	6	25	
	7	25	
	8	25	

1. a) State three reasons why we study Geography. (3mks)
 b) Give two forces that are responsible for the shape of the earth. (2mks)
2. a) What is the effect of crossing the international date line from west to east. (2mks)
 b) State three reasons why the interior of the earth is still hot. (3mks)
3. a) Differentiate between river rejuvenation and river capture. (2mks)
 b) State three conditions for river capture to occur. (3mks)
4. a) State two causes of soil creep. (2mks)
 b) Name three types of land slide. (3mks)
5. a) Define the term mineral. (2mks)
 b) Outline three differences between volcanic and plutonic rocks. (3mks)

SECTION B

ANSWER QUESTION 6 AND ANY OTHER TWO QUESTIONS FROM THIS SECTION

6. Study the map of Taita hills 1:50000 sheet 189(4) provided and answer the following questions.

- a (i) State the longitudinal extent of the area covered by the map. (2mks)
 (ii) Calculate the magnetic variation. (2mks)
- b) i) Draw a cross section between grid 310 140 to 390 140. (4mks)
 Mwatunge hill
 Sisal estate
 Road bound surface (3mks)
 Use a vertical scale of 1cm rep. 20m
 ii) Calculate vertical exaggeration of your cross section. (2mks)
- c) i) Describe drainage of the area covered by the map. (5mks)
- d) i) State two evidences for wet climate in Taita hills. (2mks)
 ii) Mention three ways in which relief has been represented on the map. (3mks)
 iii) Give two types of settlement patterns found on the map. (2mks)

- 7. a) i)** State three characteristics of ITCZ. (3mks)
- ii)** Describe how the following factors influence climate.
- Configuration of the coastline. (2mks)
- Distance from the sea. (2mks)
- b) i)** Name the temperate grasslands in the following regions.
- Argentina
- South Africa
- Australia
- Europe (4mks)
- c)** Explain three ways in which the coniferous forests have adapted to the climatic conditions. (6mks)
- d)** Students of Bujumba AC carried out field work in a marginal areas experiencing desert encroachment.
- i)** State two objectives for the study. (2mks)
- ii)** How did they record their findings in the field. (3mks)
- iii)** Describe three findings on the cause of encroachment. (3mks)
- 8. a)** Identify two features formed by vertical earth movement. (2mks)
- ii)** Explain how the following factors cause earth movements.
- Gravitative pressure. (2mks)
 - Isostatic adjustment. (2mks)
- b)** Describe the plate tectonic theory. (5mks)
- c) i)** What is faulting. (2mks)
- ii)** Draw the diagram of a normal fault on it name and mark.
- Heave
- Hade (2mks)
- (iii)** A part from the above fault name two other types of faults. (2mks)
- d)** Explain four ways in which faulting influences drainage. (8mks)
- 9. a) ii)** Define the term desert. (2mks)
- iii)** Mention two desert landscapes. (2mks)

- b) i)** Explain two ways how wind transports it's load. (4mks)
- ii) Describe how a barchans is formed. (7mks)
- c) i)** State three reasons why wind action is pronounced in hot regions than in cold regions. (3mks)
- ii) Differentiate between mesas and buttes. (2mks)
- d)** Give five positive effects of desert features to man. (5mks)
- 10. a)** Distinguish between glacial till and fluvio-glacial till. (2mks)
- b)** Explain three factors that determine the rate of ice movement. (6mks)
- c) i)** Mention four depositional features of glaciation. (4mks)
- ii) Describe how the following features are found.
- Moraine – dammed lake. (4mks)
- Outwash plain. (4mks)
- d)** You carried out fieldwork on a glaciated area.
- i) Mention two methods of data collection you used. (2mks)
- ii) State one negative effect of glaciation. (1mk)
- iii) Give two follow up activities that you carried out. (2mks)

NAME.....ADM NO.....

SCHOOL.....CLASS.....

DATE.....

GEOGRAPHY MOCKS

SERIES 1 TRIAL 10 PAPER 2

Kenya Certificate of Secondary Exams

TIME:2HRS

INSTRUCTIONS TO STUDENTS

- *This paper has two sections A and B.*
- *Answer ALL the questions in section A. In section B answer questions 6 and any other TWO questions.*

FOR EXAMINER'S USE ONLY

SECTION	QUESTIONS	MAXIMUM	CANDIDATE'S SCORE
A	1-5	25	
B	6	25	
	7	25	
	8	25	

SECTION A

INSTRUCTIONS: Answer all the questions in this section

1. (a) State three ways in which minerals occur (3 mks)
(b) Name any two types of underground mining (2 mks)
2. (a) What is a forest (1 mk)
(b) State any two characteristics of the tropical hardwood forests. (2 mks)
(c) State two main species of softwood trees mainly grown in Canada. (2 mks)
3. (a) State one major characteristics of non-renewable energy sources. (1mk)
(b) Name any two non-renewable energy sources. (2mks)
(c) State any two effects of charcoal burning in the environment. (2mks)
4. (a) What is a trading bloc. (2mks)
(b) State any three factors influencing trade. (3mks)
5. (a) Name any two pre- historic sites that are popular with tourists in Kenya. (2mks)
(b) State the three agencies set up by the three governments of East Africa countries to manage the game parks and take care of the wildlife. (3mks)

SECTION B

Answer question (6) compulsory and any other two questions.

6. The table below shows the population for the three districts of Trans-Nzoia County.

DISTRICT	2008	2009	2010	2011
TRANS-NZOIA WEST	150	175	180	200
TRANS-NZOIA EAST	25	30	25	28
KWANZA	10	20	30	32

Note
Population in

- (a)(i) Using the above information, construct a compound bar graph. Use a scale of 1cm Represent 25,000 people use the graph paper provided. **(9mks)**
- (ii) Draw any two conclusions from the bar graph you have constructed **(2mks)**
- (b) Explain three factors causing internal migration in Kenya. **(6mks)**
- (c) (i) Explain three factors leading to slow population growth in some parts of East Africa. **(6mks)**
- (ii) State any two importance of a high population in a country. **(2mks)**
7. (a) (i) Name 2 major towns found in the oil palm growing areas in Nigeria. **(2mks)**
- (ii) Explain four physical features favouring oil palm growing in Nigeria. **(8mks)**
- (b) Describe the steps involved in the processing of oil palm from the time it is harvested. **(8mks)**
- (c) (i) State four problems facing oil palm farmers in Nigeria. **(4mks)**
- (ii) List three uses of oil palm. **(3mks)**
8. (a) (i) What are pelagic fish **(1mk)**
- (ii) Give two examples of pelagic fish **(2mks)**
- (b) The map below shows fishing grounds in East Africa. Use it to answer the questions that follow



- (i) Name the fishing grounds marked **J, K, L** and **M**. (4mks)
- (ii) Explain the solutions to any four problems facing Inland fishing in East Africa. (8mks)
- (c) Explain three factors why the Namibian Coast fishing ground is not well developed like other major fishing grounds in the world. (6mks)
- (d) Compare fishing in Kenya and Japan under the following sub- headings.
 - (i) Market. (2mks)
 - (ii) Nature of landscape. (2mks)

9. (a) (i) Define land Rehabilitation (2mks)
(ii) State four benefits of land Rehabilitation in Kenya (4mks)
- (b) (i) Explain four factors that led to the successful establishment of Pekerra irrigation scheme (8mks)
(ii) State three problems facing Pekerra irrigation scheme (3mks)
(iii) List four main crops grown in Pekerra irrigation scheme (4mks)
- (c) State four advantages of irrigation farming to the economy of Kenya. (4mks)
10. (a) i) Differentiate between market gardening and floriculture. (2mks)
(ii) State four features of horticulture. (4mks)
- (b) i) State three physical factors that favour development of horticulture in Kenya. (3mks)
ii) Explain why horticulture is more developed in Netherlands than in Kenya. (8mks)
- c) State and explain four contributions of horticulture to the economy of Kenya. 8mks



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