312/1
GEOGRAPHY
Paper 1
2 ¾ Hours

ALLIANCE BOYS HIGH SCHOOL KCSE TRIAL AND PRACTICE EXAM 2019

Instructions to candidates

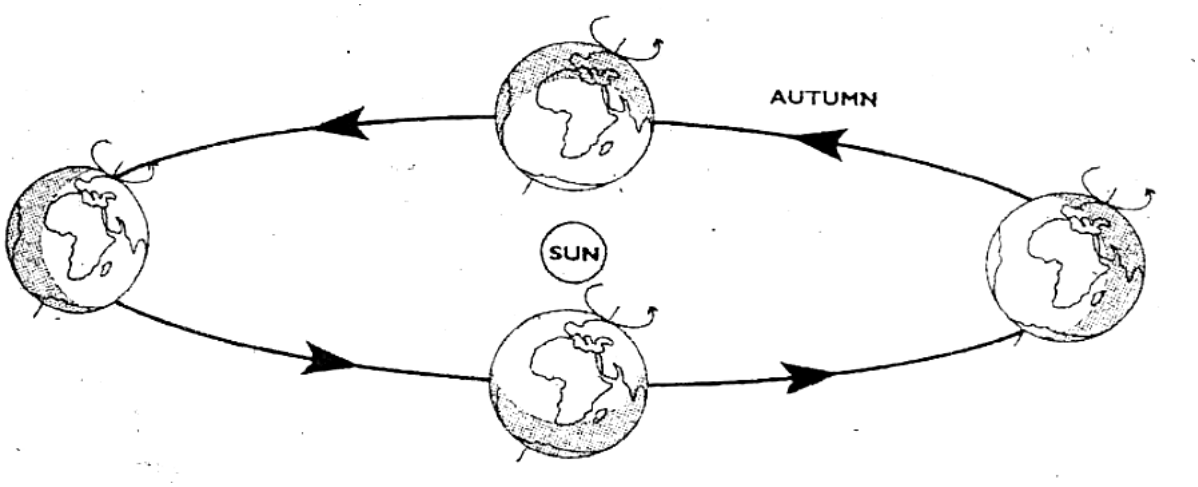
a) This paper has two sections: A and B
b) Answer all the questions in section A
c) Answer question 6 and any other two questions from section B
d) All answers must be written in the answer booklet provided
e) This paper consists of 5 printed pages
f) Candidates should check the questions paper to ascertain that all the pages are printed as indicated and that no questions are missing
g) Candidates should answer the questions in English

FOR MARKING SCHEMES INBOX MR CHEPKWONY PN 0724351706

SECTION A
Answer ALL the questions in this section

1 (a) Name and describe two types of environment (2 marks)

(b) The diagram below shows a movement of the earth



(i) Identify the movement (1 mark)

(ii) State two effects of the above movement (2 marks)

2. (a) State two effects of aridity and desertification (2 marks)

(b) Give three indicators of climate change. (3 marks)

3. (a) (i) Define the term 'rock' (1 mark)

(ii) Name two examples of hypabyssal rocks (2 marks)

(b) State two characteristics of minerals (2 marks)

4. (a) Name two denudation processes (2 marks)

(b) State three factors that influence movement of materials on slopes (2 marks)

5. (a) Give three components of soil (3 marks)

(b) State two factors influencing development of soil catena (2 marks)

SECTION B
Answer question 6 and any other two questions from this section

6. Study the map of Karatina 1:50,000 (sheet 121/3) provided and answer the following questions.

(a) (i) What is the title of the map extract? (1 mark)

(ii) Give the name of the map extract bordering Karatina to the east (1 mark)

(b) (i) Name two human features in grid square 0346. (2 marks)

(ii) What is the bearing of the Air photo principal point in grid square 9452 (13A/13) from the trigonometric station in grid square 9552 (121T7) (2 marks)

(c) Calculate the area of the natural forest in Kirinyaga District (2 marks)

(d) (i) Using a scale of 1cm to represent 20 meters, draw an accurate cross section from grid square 850570 to grid square 910570. (3 marks)

(ii) On the cross section mark and name;

- Forest (1 mark)

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- River (1 mark)

(iv) Determine indivisibility between the two end points (1 mark)

(e) Describe the drainage of the area in the map extract (5 marks)

(f) Students of a school at Ragati went for a field study in Karatina Township.

(i) Name two types of settlement patterns they may have identified in the tow (2 marks

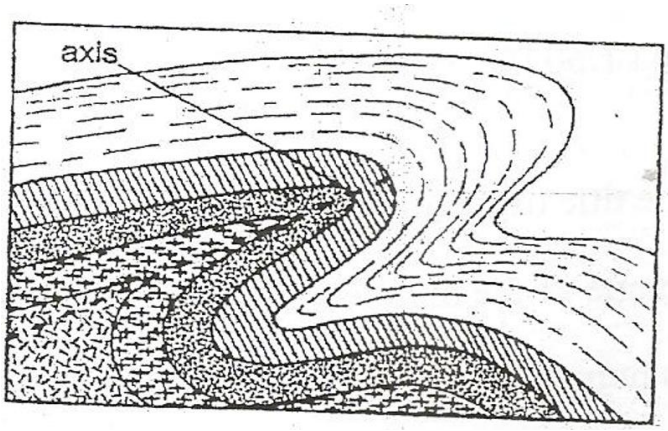
(ii) State four solutions to problems they may have encountered during the field study. (4 marks

7. (a) (i) List two effects of horizontal earth movements (2 marks)

(ii) Give three causes of earth movements. (3 marks)

(b) Name and describe three types of plate tectonic boundaries. (6 marks)

(c) (i) The diagram below shows a type of fold.



Identify the type of fold. (1 mark)

(iii) Name two other types of folds (2 marks)

(d) With the aid of well labeled diagrams, explain the formation of fold mountains. (7 marks

(e) State four significance of folding to the physical and human environments. (4 marks)

8. (a) (i) What is a lake? (1 mark

(ii) List two sources of lake water (2 marks)

(b) (i) Name two fresh water lakes in the Rift valley region of Kenya (2 marks) (ii) State four reasons why some lakes are saline (4 marks)

(c) Giving an example in each case, describe the formation of;

(i) Lake formed due to faulting (4 marks)

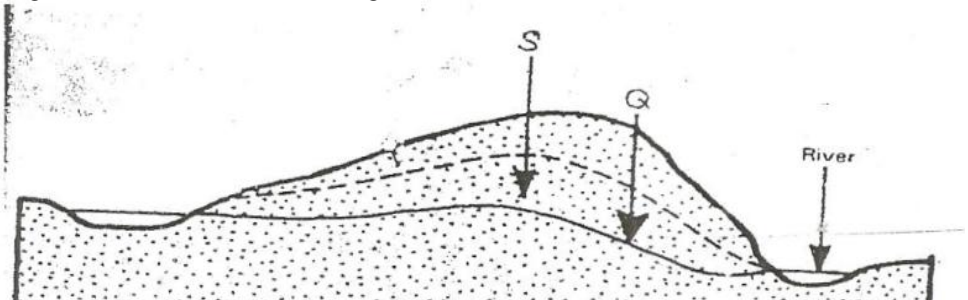
(ii) Crater lakes (4 marks)

(d) Explain four positive influence of lakes on human activities (8 marks)

9. (a) (i) Give three sources of underground water (3 marks)

(ii) State three factors that influence the existence of underground water. (3 marks

(b) The diagram below shows zones of ground water.



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(i) Identify the parts labeled Q and S. (2 marks)
(ii) State three ways through which springs form (3 marks)

(c) State four factors that influence the development of Karst Scenery (4 marks)

(d) (i) Name two surface features in limestone regions (2 marks)
(ii) Describe the formation of a stalagmite (4 marks)

(e) Explain two ways through which limestone landscapes influence human activities. (4 marks)

10. (a) (i) Name two types of river erosion (2 marks) (ii) State three factors influencing the rate of river erosion (3 marks)

(b) Name and describe three was by which a river transports its load (6 marks)

(c) (i) Apart from deltas, give two river depositional features (2 marks)
(ii) Giving an example from Kenya, describe the formation of arcuate delta. (3 marks)

(d) Describe the formation of the following river patterns;
(i) Dendritic pattern (3 marks)
(ii) Centripetal pattern (3 marks)

(e) State three positive significance of rivers (3 marks)

ALLIANCE BOYS HIGH SCHOOL KCSE TRIAL AND PRACTICE EXAM 2019

Paper 2

SECTION A

Answer all the questions in this section

1 (a) (i) Define mining (1 mark)
(ii) Name two mining methods (2 marks)

(b) State two negative effects of mining on the environment (2 marks)

2. (a) Give two main inland tourist attractions in Kenya (2 marks)

(b) State three human factors favoring tourism in Switzerland (3 marks)

3. (a) Mention two primary sources of population data (2 marks)

(b) State three reasons why Kenya has a high rate of population growth (3 marks)

4. (a) (i) What is 'industrial inertia'? (1 mark)
(ii) State two causes of industrial inertia (2 marks)

5. (a) Distinguish between land reclamation and land rehabilitation (2 marks)

(b) State three significances of irrigation farming in Kenya (3 marks)

SECTION B

FOR MARKING SCHEMES INBOX MR CHEPKWONY PN 0724351706

Answer question 6 and any other two questions from this section

6. The table below shows forest plantations by area in hectares in three countries in Kenya between 2001 and 2014. Use it to answer the questions that follow

County/years	2001	2002	2003	2004
Nakuru	150	140	120	100
Kericho	140	135	130	110
Nandi	120	110	105	90

a) i) Using a scale of 1cm to represent 10 hectares, draw a comparative lien graph to represent the above data. (6 marks)

ii) Comment on the trend of the graph (1 mark)

iii) Give one advantage of using the above method to represent the above data (1 mark)

iv) List two other methods of representing the above data (2 marks

b) State three factors that favour the growth of natural forests on the slopes of Mt. Kenya. (6 marks)

c) Explain three measures that the government of Kenya is taking to conserve forests. (6 marks)

d) i) Name two provinces in Canada where forestry is practiced on large scale. (2 marks)

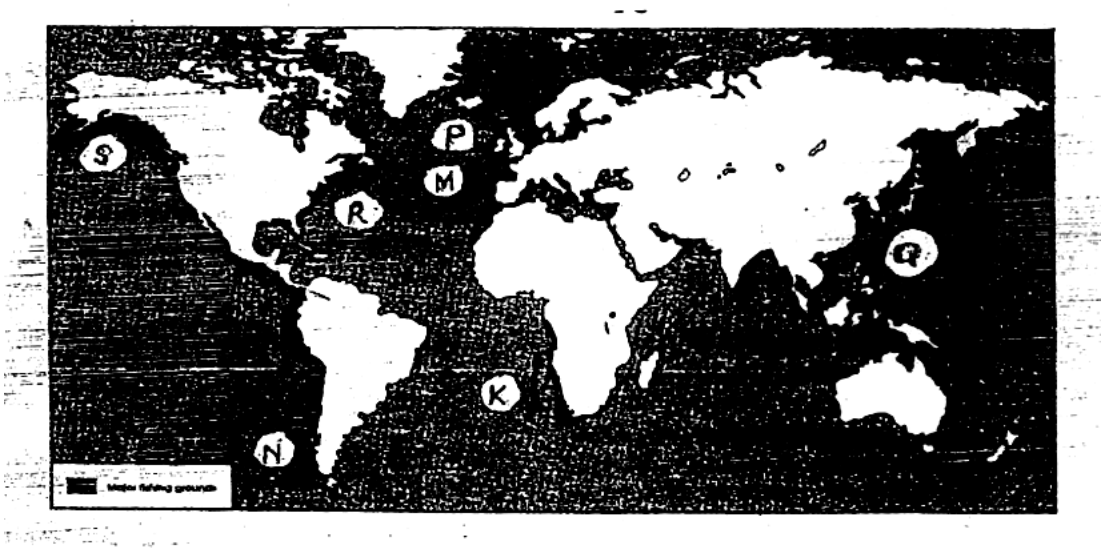
ii) State four factors that favour forest exploitation in Canada (4 marks)

(a) Define the following terms;

i) fishing (1 mark)

ii) fishery (1 mark)

(b) The map below shows major world fishing grounds.



i) Identify the fishing grounds marked P, Q, R and S. (4 marks)

ii) Ocean currents marked M and N. (2 marks)

c) i) Apart from L. Victoria, name two other inland fishing grounds in Kenya. (2 marks)

ii) Explain three factors favoring fishing on L. Victoria (6 marks)

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d) State three measures the government of Kenya is undertaking to encourage fish-eating culture. (4 marks)

e) Give three differences between fishing in Kenya and Japan (6 marks)

8. (a) i) Name two varieties of coffee grown in Western parts of Kenya. (2 marks

ii) Apart from being as a beverage, state two other uses of coffee (2 marks)

(b) State three physical conditions that favour coffee growing in the Central Highlands of Kenya. (3 marks)

(c) Describe the stages involved in coffee production from picking to marketing. (8 marks)

(d) Explain three significance of coffee farming in Brazil (6 marks)

(e) Your class intends to conduct a field study on coffee farming

i) State two preparations your class will make before the field study. (2 marks)

ii) Give two problems facing coffee farming the class will find out (2 marks)

9. (a) i) Differentiate between transport and communication (2 marks)

ii) Apart from land transport, list two other modes of transport (2 marks)

(b) i) State three advantages of using mobile phones in communication. (3 marks)

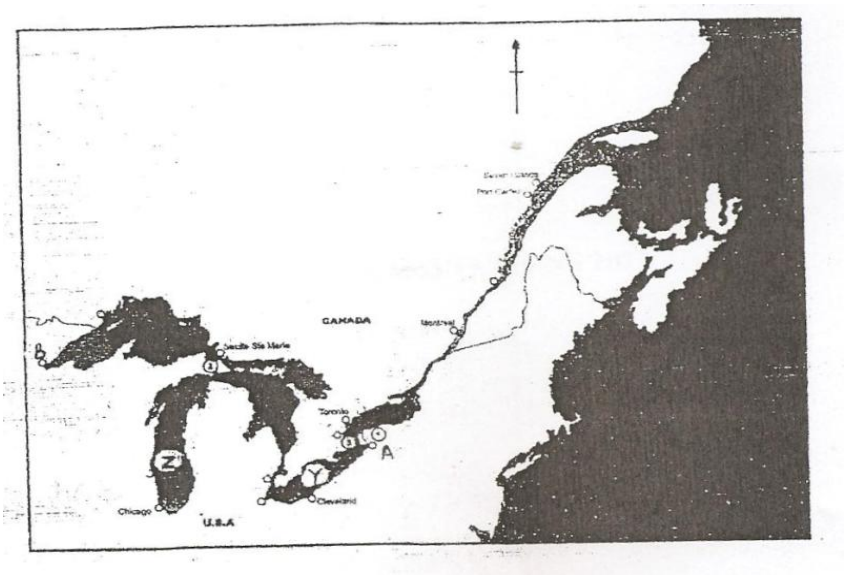
ii) Give three benefits of trans-African Highways (3 marks)

(c) i) Define containerization. (1 mark)

(d)

ii) State four advantages of containerization (4 marks)

The map below show the great lakes and St. Lawrence seaway .



i) Name the towns marked A and B (2 marks)

ii) Identify the lakes marked Y and Z (2 marks)

(e) Explain three significance of St. Lawrence Seaway on the economies of the United States of America and Canada. (6 marks)

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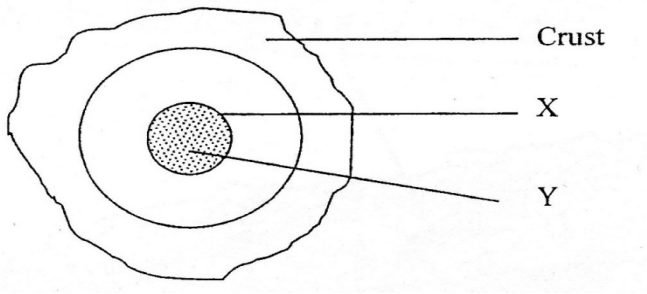
10. (a) i) Name two types of human settlements (2 marks)
ii) Give three functional zones of an urban centre (3 marks)
(b) Explain the influence of the following factors on human settlement;
i) relief (2 marks)
ii) vegetation (2 marks)
iii) drainage (2 marks)
(c) Explain three significance of urbanization to Kenya (6 marks)
(d) Compare the port of Mombasa to the port of Rotterdam (8 marks)

MANGU HIGH SCHOOL TRIAL AND PRACTICE EXAM 2019

312/1
GEOGRAPHY
Paper 1

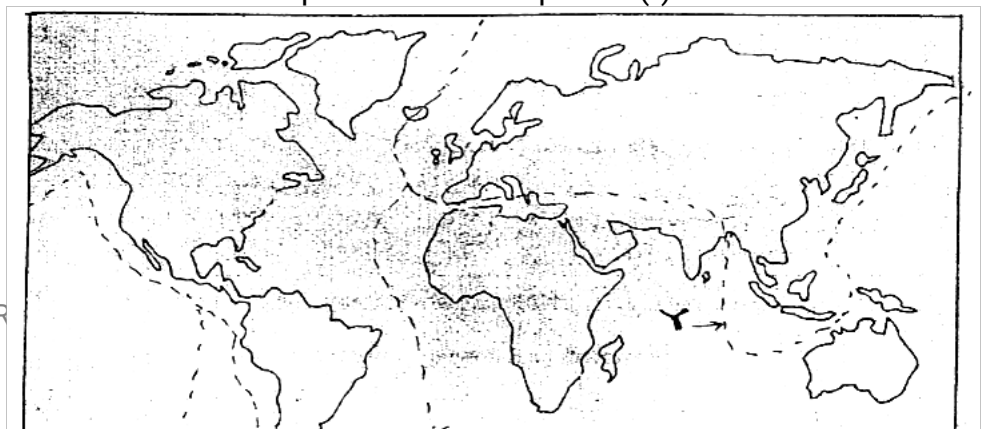
SECTION A
Answer all questions in this section

1. (a) Define the term orbit (1mk)
(b) The diagram below shows the internal structure of the earth. Use it to answer the questions that follow.



(i) Name the zone of discontinuity marked X. (1mk)
(ii) State three characteristics of the part marked Y. (3mks)

2. Use the world map below to answer question (a)



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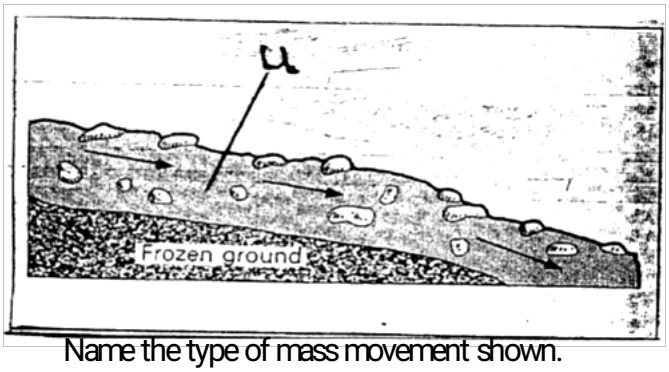
(a) Name the tectonic plate boundary marked X and Y. (2mks)

(b) What is the importance of studying the plate tectonics theory? (3mks)

3. (a) Apart from normal faults, name two other types of faults. (2mks)

(b) Describe three distinctive characteristics of the Rift Valley. (3mks)

4. The diagram below shows mass movement on a slope. Use it to answer question (a).



(i) Name the type of mass movement shown. (1mk)

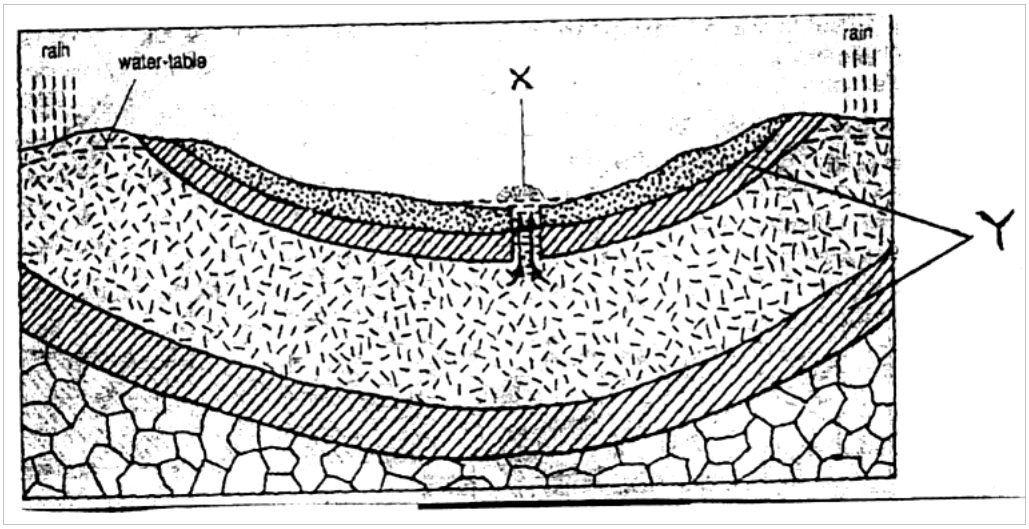
(ii) Name the part marked U. (1mk)

(b) State three negative effects of mass wasting in Kenya (3mks)

5. (a) What is underground water (1mk)

(b) Give two main sources of underground water (2mks)

(c) The diagram below shows an artesian basin. Name the parts marked X and Y.(2mks)



SECTION B

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

6. Study the map of Nkubu (1:50,000) sheet 122/1 provided and answer the following questions.

(a) (i) Give the six-figure reference of the trigonometrical station at Gatimbi.(2mks)

(ii) Give the latitudinal extend of the are covered by the map. (2mks)

(iii) What is the length in kilometers of the all-weather bound surface road junction

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at Getuaga to the road junction at Gatimbi? (2mks)

(iv) What is the approximate height of the peak of Kirui hill? (2mks)

(b) Explain three factors which have influenced the distribution of settlements in the area covered by the map. (6mks)

(c) Draw a rectangle 15cm by 10cm to represent the area covered by the map.(1mk)
On the rectangle, mark and name;

(i) Rurie swamp (1mk)

(ii) Forest (1mk)

(iii) River Muugi (1mk)

(d) (i) Citing evidence from the map, give two reasons why the area covered by the map is suitable for coffee growing. (4mks)

(ii) Apart from agriculture, name three other economic activities carried out in the area covered by the map. (3mks)

7. (a) (i) What is a rock? (2mks)

(ii) Explain the process of formation of mechanically formed sedimentary rocks. (5mks)

(iii) Give three examples of mechanically formed sedimentary rocks. (3mks)

(b) Explain three ways in which rocks are significant to the economy of Kenya.(6mks)

(c) Students from your school carried out a field study on the type of rocks.

(i) One of the rock samples they collected is coral. Give three uses of this type of rock (3mks)

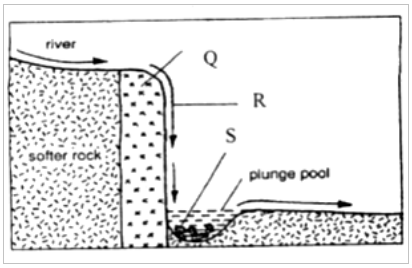
(ii) Give three types of information for their study. (3mks)

(iii) State three problems they are likely to have encountered during the field study. (3mks)

8. (a) (i) Distinguish between catchment area and a drainage basin. (2mks)

(ii) Explain three factors which influence the ability of a river to transport its load. (6mks)

(iii) The diagram below shows a feature formed by erosion along the river course. Name the parts marked Q, R and S.



(3mks)

(b) (i) What is a delta? (1mk)

(ii) Draw a diagram to show an arcuate delta. (4mks)

(iii) Name one river in Northern Kenya which forms a birds foot delta. (1mk)

(c) Students from your class carried out a field study on a nearby river to study various features along its course.

(i) Give four reasons why the class was divided into groups. (4mks)

(ii) Give four follow-up activities you were involved in after the field study. (4mks)

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

(ii) Explain three factors that influence the rate of glacial erosion. (6mks)

(b) (i) Apart from cirques, name two other erosional features found in glaciated highlands. (2mks)

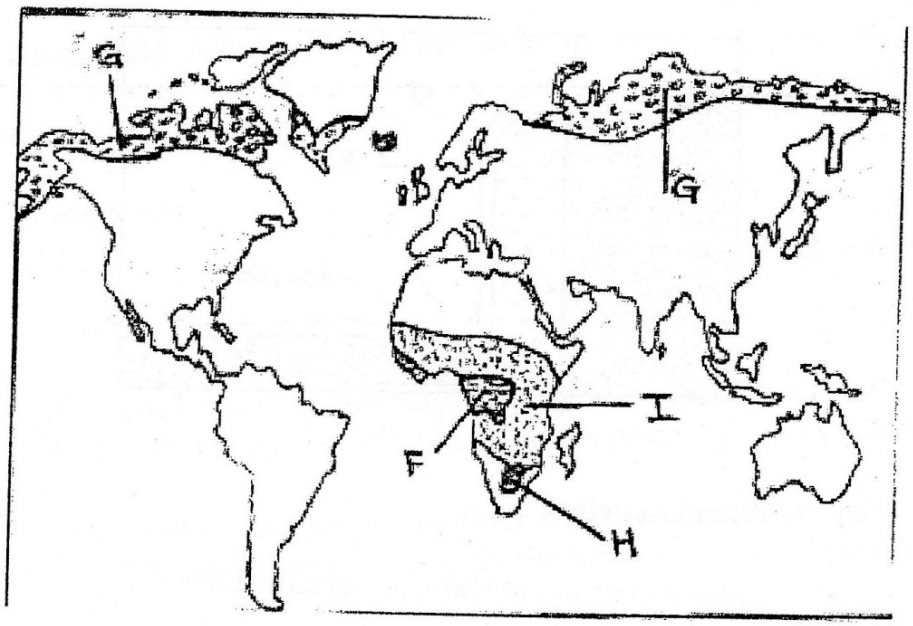
(ii) With the aid of a well labeled diagram, describe how a cirque is formed. (7mks)

(c) Explain four positive effects of glaciation in lowland areas. (8mks)

10. (a) What is natural vegetation?

(2mks)

(b) The map below shows some vegetation regions of the world. Use it to answer the questions that follow.



Name:

(i) The type of vegetation found in the are marked F and G. (2mks)

(ii) The grassland found in the area marked H (1mk)

(iii) Describe the characteristics of the natural vegetation found in the shaded are marked I (4mks)

(c) (i) draw a well labeled diagram to show soil catena (4mks)

(ii) Explain how the following farming practices cause soil erosion

Monoculture (2mks)

Overstocking (2mks)

(d) (i) State two factors that contribute to soil leaching. (2mks)

(ii) Explain three ways in which vegetation prevents soil erosion. (6mks)

MANGU HIGH SCHOOL TRIAL AND PRACTICE EXAM 2019

Paper 2

SECTION A

FOR MARKING SCHEMES INBOX MR CHEPKWONY PN 0724351706

Answer all questions in this section

1. (a) Define a forest (1mk)
   (b) State four characteristics of planted forest (4mks)
2. State five characteristics of plantation farming (5mks)
3. (a) State three problems that are associated with low tourist season on Kenya. (3mks)
   (b) Name two main inland tourist attractions found in Kenya. (2mks)
4. (a) What is a manufacturing industry? (2mks)
   (b) State three main characteristics of cottage industries in Kenya. (3mks)
5. (a) Apart from pollution, name two other environmental hazards experienced in Kenya. (2mks)
   (b) State three ways in which industrial pollution is a health hazard. (3mks)

SECTION B

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

6. The table below shows the number of tourists who visited Kenya between 1996 and 1999. Use it to answer questions that follow.

Country/Year	1996	1997	1998	1999
Britain	100,000	80,000	60,000	40,000
N. America	80,000	50,000	45,000	48,000
Germany	70,000	40,000	35,000	30,000
S.E. Asia	40,000	30,000	25,000	25,000

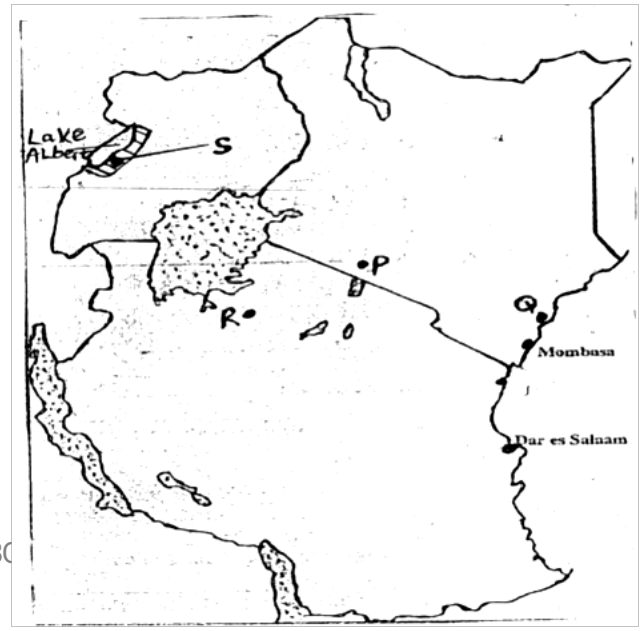
(a) Using 1cm to represent 10,000 people, draw a comparative bar graph to represent the data above. (8mks)

(b) State four possible reasons for the general decline in the number of tourists since 1997. (4mks)

(c) (i) Define eco-tourism (1mk)
   (ii) State two objectives of eco-tourism (2mks)

(d) (i) Explain three factors that hinder tourism in Kenya (6mks)
   (ii) Identify four measures the Kenyan government has undertaken to promote tourism in the Country. (4mks)

7. Use the map of East Africa to answer questions (a) (i) and (ii).



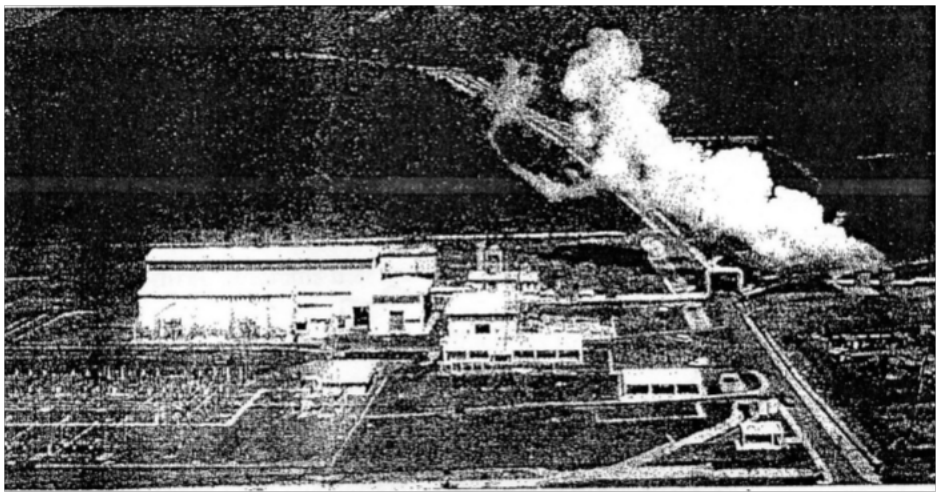
FOR MARKING SCHEMES INBO

(a) (i) Name the minerals at the following marked areas P, Q, R, S (4mks)

(ii) Give three types of minerals. (3mks)

(b) Explain how placer method of mining is carried out (5mks)

(c) Study the photograph provided and answer the questions that follow.

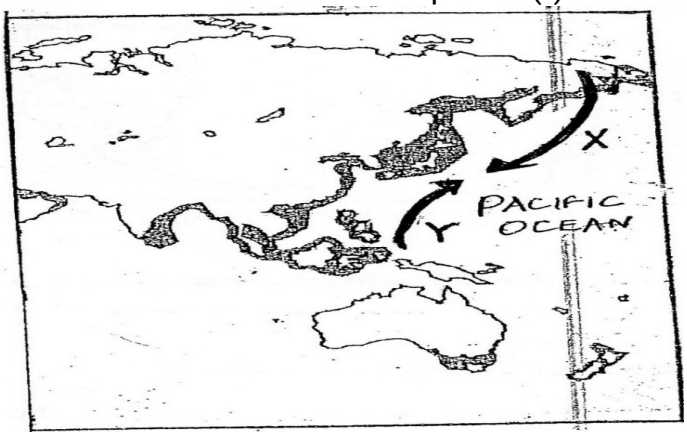


(i) Name the form of energy generated in the photograph. (2mks)

(ii) Name three main areas in Kenya where the above source of energy if found. (3mks)

(iii) Explain four problems which face generation of geothermal power in Kenya. (8mks)

8. Use the map of North-West Pacific below to answer question (a).

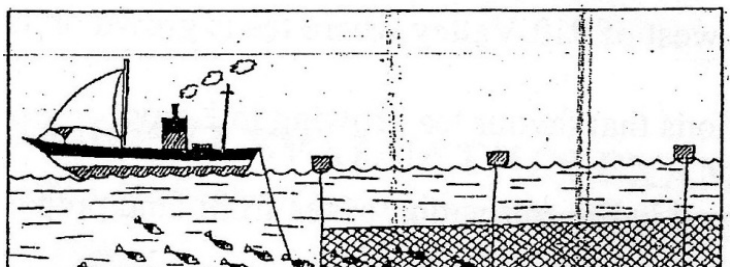


(a) (i) Name the ocean current marked X and Y (2mks)

(ii) Name two main countries involved in fishing in the North West Pacific fishing ground. (2mks)

(iii) Explain three human factors which favour fishing in the North West Pacific fishing ground (6mks

(b) The diagram below shows a fishing method.



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(i) Describe how the method is used in catching fish. (5mks)

(c) (i) Explain three measures being taken by the government of Kenya to conserve marine fisheries. (6mks)

(ii) State four problems experienced in the marketing of fish in Kenya. (4mks)

9. (a) (i) Apart from petroleum name two other non-renewable sources of energy. (2mks)

(ii) Give three reasons why Kenya imports her oil in crude form. (3mks)

(b) Explain four ways in which Kenya has benefited from the development of seven forks hydro-electric power schemes. (8mks)

(c) (i) Name two developing countries that have developed nuclear energy in the world. (2mks)

(ii) State four disadvantages of nuclear energy (4mks)

(d) Give three reasons hindering the expansion of rural electrification programme in Kenya. (6mks)

10. (a) (i) Name two districts to the West of Rift Valley where tea is grown on large scale.(2mks)

(ii) State five physical conditions that favour tea growing in Kenya. (5mks)

(b) Describe the stages involved in cultivation of tea from land preparation to harvesting.(6mks)

(c) (i) Explain five problems facing tea farming in Kenya (10mks)

(ii) Name two countries in the world which are the leading importers of Kenyan tea. (2mks)

PRECIOUS BLOOD TRIAL AND PRACTICE EXAM 2019

312/1

PAPER I

SECTION A

1. (i) Differentiate between weather and climate. (2 marks)

(ii) Outline any three factors that are considered in locating a weather station. (3 marks)

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(iii) Give any three importance of weather focusting. (3 marks)

2. (i) Define the term equinox (2 marks)

(ii) What is the time at Hola on 40°E when the time at Tema on O° longitude is 12.00 Noon? (2 marks

3. (i) Name two types of earth movements that take place on the earth crust. (2 marks)

(ii) Describe the origins of the continents according to the theory of continental drift. (3 marks)

4. (i) Name two types of clouds that give rise to rainfall in tropical regions. (2 marks)

(ii) Define the term hydrological cycle. (2 marks)

5. a) Study the table below and answer the question.

Month	J	F	M	A	M	J	J	A	S	O	N	D
Temperature °C	29	28	30	30	29	29	29	27	29	30	30	28
Rainfall in mm	10	9	22	48	26	9	24	10	5	10	18	11

(i) Calculate the mean annual rainfall. (1 mark)

(ii) What is the annual range of temperature? (1 mark)

(iii) Give two reasons why the top of Mt. Kenya has got no vegetation. (2 marks)

Study the map of Karatina 1:50,000 (sheet 121/3) provided and answer the following questions.

6. (i) What is the longitudinal extent of the map: (2 marks)

(ii) Name the two districts from where the map has been taken from. (2 marks)

(iii) What is the approximate height of the hill at grid reference 047507? (1 mark)

B. (i) Give three types of natural vegetation found to the north of northings 60. (3 marks)

(ii) What is the approximate area of Karatina town (municipality) (2 marks)

(iii) Measure the approximate distance of the district boundary not covered by the forest. (2 marks)

(iv) Citing evidence from the map, identify two main cash crops grown in the area covered by the map. (2 marks)

C. (i) Citing evidence from the map, explain three factors that favours tea growing in the area covered by the map. (6 marks)

(ii) Describe the drainage of the area covered by the map. (5 marks)

7. a) (i) Define the term faulting? 2 marks)

(ii) State any two characteristics of lakes formed due to faulting (2 marks)

(iii) With the help of a well labeled diagram, explain how the rift valley is formed through tension (7 marks)

b) A group of students carried field work in the rift valley around Naivasha.

(i) Give any four preparations that they undertook. (4 marks)

(ii) Give any two reasons why it would be appropriate to divide the students into groups. (2 marks)

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(iii) Explain any four importance of faulting to human activities. (8 marks)

8. a) What is a lake (2 marks)

b) (i) Name two types of lake formed due to volcanicity. 2 marks)

(ii) Explain how Lake Victoria influences the climate of the surrounding area. (6 marks)

c) (i) State three main reasons why lakes within the Rift Valley are salty. (3 marks)

(ii) Name any three fresh water lakes in Kenya which are within the Rift Valley. (3 marks)

d) (i) Explain any four economic significances of lakes to human activities. (8 marks)

(ii) Give one negative effect of lakes to man. (1 mark)

9. a) (i) Give two ways in which underground water may reach the earth's surface. (2 marks)

(ii) State three conditions necessary for the formation of artesian wells. (3 marks)

b) Explain three importance of underground water. (6 marks)

c) (i) Give three factors which influences the development of Karst landscape. (3 marks)

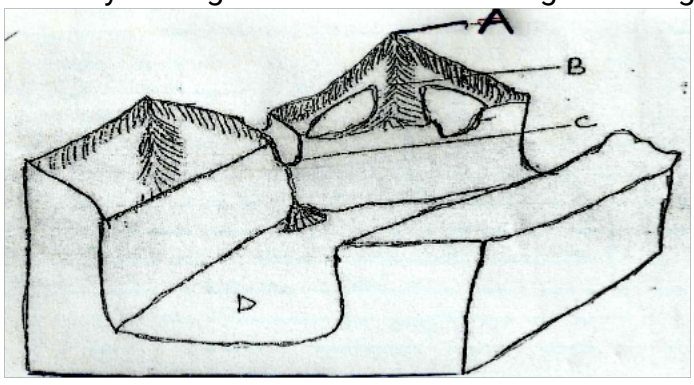
ii) Explain three reasons why Karst landscape discourages settlement. (6 marks)

d) With an aid of a well labeled diagram describe the formation of a limestone pillar. (5 marks)

10 .a) Outline three processes through which ice moves. (3 marks)

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

c) S tudy the diagram below which shows a glaciated highland and answer questions c (i) and (ii)



i) Name the features marked A, B, C and D. (4 marks)

ii) Describe how features A and D were formed. (6 marks)

d) Suppose you were to carry out a field study of a glaciated highland:-

(i) State two disadvantages of using observation as a method of data collection. (2 marks)

(ii) State two problems you are likely to encounter. (2 marks)

(iii) Suggest two economic activities you would recommend to the Government in this area. (2 marks)

FOR MARKING SCHEMES INBOX MR CHEPKWONY PN 0724351706

PRECIOUS BLOOD TRIAL AND PRACTICE EXAM 2019

Paper 2

SECTION A

Answer all the questions in this section.

1. a) What is an age-sex pyramid. (2 marks)

b) State two complication of an age sex pyramid with a narrow baze. (2 marks)

2. a) State three methods used to control tse-tse fly in Lambwe valley in Kenya. (3 marks)

b) Name two main non renewable sources of energy. (2 marks)

3. a) State four characteristics of tropical hardwood forests. (4 marks)

b) What is agro forestry? (2 marks

4. a) State the local names for tropical cyclones in the following regions. (3 marks)
   (i) Far East
   (ii) Australia
   (iii) North America

   b) Name three main sources of water pollution. (3 marks)

5. a) What is industrial Inertia. 2 marks)

   b) Outline two causes of Industrial Inertia. (2marks)

SECTION B

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

6. a) The table below shows crop production in Kenya for a period of five years.

YEAR/CROP	2007	2008	2009	2010	2011
MAIZE	600	800	700	800	600
PEAS	400	600	400	700	400
ONIONS	300	400	300	600	300
CABBAGES	100	200	200	400	200

(i) Using a scale of 1cm to represent 200 present the above data using a compound bar graph. (9 marks)

(ii) State three advantages of using the above method to present data. (3 marks)

B (i) List four conditions that favour the growth of palm oil in Nigeria. (4 marks)

(ii) Name two methods of harvesting palm oil. (2 marks)

(iii) Give two uses of palm oil. (3 marks)

(iv) Outline four reasons that have contributed to decline of palm oil in Nigeria.(4 marks)

7. a) What is fishing? (1 mark)

b) Explain four factors that influence fishing. (8 marks)

c) (i) List three traditional methods of fishing. (3 marks)

(ii) Outline three reasons why sea water fishing is not highly developed along the Indian Ocean Coast (3 marks

d) (i) Explain three reasons why Japan is a leading fishing nation. 6 marks)

FOR MARKING SCHEMES INBOX MR CHEPKWONY PN 0724351706

(ii) Identify four measures undertaken by the government of Kenya to manage and conserve fisheries. (4 marks)

8. a) State two characteristics of the following forms of internal trade.
   (i) Wholesalers 2 marks)
   (ii) Retailers (2 marks)

b) Explain three factors influencing the exchange of goods and services. (6 marks)

c) (i) Name two member states of the Economic community of West African States. (2 marks)

(ii) What are the three main objectives of the economic community of West African States? (3 marks)

(iii) Identify three problems facing regional trading blocks. (3 marks)

d) Students of Sasumua intend to carry out a field study on trade in a local shop.

d) (i) State three method the students could use to collect data during the study. (3 marks)

(ii) Formulate two hypoblasts for the field work. (2 marks)

(iii) State two problems they are likely to encounter during the study. (2 marks)

9. a) (i) Define the term wildlife. (2 marks)

(ii) Name three natural habitats for wildlife. (3 marks)

(iii) Explain four problems facing wildlife conservation in Kenya. (8 marks)

(iv) State five significance of wildlife. (5 marks)

b) (i) What is domestic tourism. (2 marks)

(ii) Explain five factors that hinder domestic tourism in Kenya. (5 marks)

10. a) (i) Differentiate between the terms management and conservation in reference to the environment. (2 marks)

(ii) State four consequences of environmental degradation. (4 marks)

b) (i) State four farming methods that help in soil conservation. (4 marks)

(ii) Explain four efforts being carried out to conserve natural resources. (8 marks)

c) List three environmental hazards. (3 marks)

d) State four negative effects of using plastic paper bags to the environment. (4 marks)

MOI GIRLS –ELDORET TRIAL AND PRACTICE EXAM 2019

312/1
GEOGRAPHY
PAPER 1

SECTION A

Answer all the questions in this section.

1. (a) What is desertification? (2 marks)
   (b) State three human activities that lead to desertification. (3 marks)

FOR MARKING SCHEMES INBOX MR CHEPKWONY PN 0724351706

2. (a) Give three examples of mechanically formed sedimentary rocks. (3 marks)

(b) State two changes that occur in sedimentary rocks when they are subjected to intense heat and pressure (2 marks)

3. (a) Why is ocean salinity higher in the tropical regions than at the equator .(2 marks)

(b) Name three types of ocean tides. (3 marks)

4. (a) When local time is 2.00 p.m. at longitude 60^0E.What is the longitude of a place whose local time is 5.00 p.m. (3 marks)

(b) Give two effects of the oval shape of the orbit of the earth. (2 marks)

5. (a) Apart from river and wave deposition state three ways in which lakes may be formed. (3 marks)

(b) Name two lakes in Kenya where formed through river deposition. (2 marks)

SECTION B

Answer question 6 and any other two questions

6 Study the map of Karatina 1:50000 sheet 121/3 provided and answer the questions that follow.

(a) (i) Give the latitudinal and longitudinal extend of the area covered by the map. (2 marks)

(ii) Name two methods used to represent relief on the map. (2 marks)

(iii) Calculate the area enclosed by the forest boundary east of easting 97 and west of easting 05. (2 marks)

(b) (i) Draw a rectangle measuring 9 cm by 8 cm to represent the area enclosed by the following grid references

9653, 0553, 9645 and 0545 (1 mark)

(ii) On the rectangle mark and name the following.

-District boundary (1 mark)

-Kamurdwana hill. (1 mark)

-River Gakombaki (1 mark)

-All weather bound surface road from Kianga to Kariko (1 mark)

(c) Explain three factors influencing the distribution of population in the area covered by the map. (6 marks)

(d) Students of Kianga Secondary School carried out a field study of the area around their school.

(i) Identify two ways in which they prepared for the study (2 marks)

(ii) Using evidence from the map give three economic activities which they were able to identify (6 marks)

7. (a) (i) Give three sources of underground water. (3 marks)

(ii) Identify three ways in which springs occur. (3 marks)

(b) With the aid of a well labelled diagram show the three zones of underground water. (6 marks)

(c) Explain how the following factors influence the existence of underground water.

(i) Precipitation (2 marks)

(ii) Vegetation cover (2 maks)

(d) (i) Name any three surface features of limestone areas. (3 marks)

FOR MARKING SCHEMES INBOX MR CHEPKWONY PN 0724351706

(ii) Describe how stalagmites are formed (3 marks)

(e) State three significance of underground water to human activities (3 marks)

8. (a) (i) What is an ice sheet? (2 marks)

(ii) Give two reasons why there are no ice sheets in Kenya. (2 marks)

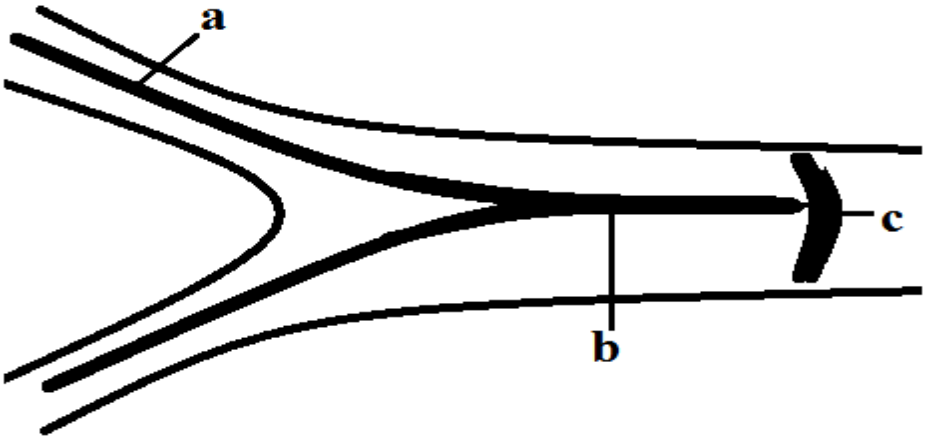
(iii) State three factors that influence the movement of ice from the place where it has accumulated. (3 marks)

(b) Describe the formation of the following features

(i) An Arete (4 marks)

(ii) Hanging valley (5 marks)

(c) The diagram below shows types of moraines in a valley glacier.



Name the types of moraine marked a, b and c. (3 marks)

(d) You have been asked to carry out a field study on land use on a glaciated lowland.

(i) State three preparations you would make for your field study. (3 marks)

(ii) State three possible land uses you are likely to identify during the field study.

9.

(a) (i) Define faulting . (1 mark)

(ii) Identify three types of faults. (3 marks)

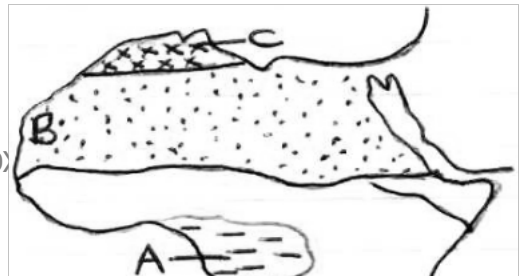
(b) Apart from compressional forces, explain two other processes that may cause faulting (4 marks)

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

(d) Apart from the rift valley name three other relief features that were formed by compressional forces (3 marks)

(e) Explain three significance of faulting to the physical and human environment. (6 marks)

10. Below is a map of Africa representing climatic regions .Use it to answer the questions that follow.



FOR MARKING SCHEMES INBOX

(a) Identify the climatic regions marked a, b and c. (3 marks)
(b) Outline the climatic characteristics of the regions marked:

(i) A (4 marks)
(ii) C (4 marks)

(c) Explain how the following factors influence climate
(i) Altitude (4 marks)
(ii) Distance from the sea (4 marks
(d) (i) Describe a suitable site where you would locate a weather station.(2 marks)
(ii) Give reasons why a Stevenson's screen is:
- Painted white (2 marks)
- Has louvers (2 marks)

MOI GIRLS – ELDORET TRIAL AND PRACTICE EXAM 2019

Paper 2

SECTION A

Answer all the questions in this section.

1. (a) Define the term "forestry". (2 marks)
   (b) Give three reasons why agro forestry is being encouraged in Kenya. (3 marks)
2. (a) Name three modes of transport used in Kenya . (3 marks)
   (b) Give two ways in which Cellphone contribute to Kenya's economic development.(2marks)
3. (a) List down three ways in which the society benefits from urbanization. (3 marks)
   (b) In what ways are the functions of Nairobi and New York similar? (2 marks)
4. (a) Define the term "mining" (2 marks.)
   (b) List three challenges Kenya faces in exploitation of her minerals. (3 marks)
5. (a) State two advantages of using solar energy. (2 marks)
   (b) Identify three non-renewable sources of energy used in Kenya. (3 marks)

SECTION B

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

6. The data below represents sugarcane production in five major factories in Kenya. Use it to answer the following questions.

FACTORY	PRODUCTION IN 000'TONNES
SONY	50
NZOIA	100

FOR MARKING SCHEMES INBOX MR CHEPKWONY PN 0724351706

CHEMELIL	200
MUHORONI	250
MUMIAS	400

(a) (i) Using the data above, draw a divided rectangle measuring 15CM length (7 marks)

(ii) Give the difference in tonnage produced by Muhoroni and Nzoia companies. (1 mark)

(iii) List two advantages of representing data using a divided rectangle. (2 marks)

(b) Explain four physical conditions required for the growing of sugarcane successfully in Kenya. (8 marks)

(c) (i) State three uses of sugar . (3 marks)

(ii) State four benefits of sugarcane growing to the Kenyan economy. (4 marks)

7. (a) (i) Define the term trade. (2 marks)

(ii) State three reasons why Kenya experiences an unfavourable balance of trade. (3 marks)

(b) Explain four factors that influence internal trade in Kenya. (8 marks)

(c) (i) List three major imports to Kenya from Japan. (3 marks)

(ii) List three aids to trade available in Kenya (3 marks)

(d) Explain three benefits which member states of COMESA derive from the formation of the trading bloc (6 marks

8. Use the map of North America to answer the questions below.



(a) (i) Name the ocean currents named K and L (2 marks)

(ii) Name two methods of fishing used in the shaded area. (2 marks)

(b) Explain how the following factors favour fishing in the shaded area.

(i) Indented coastline (2 marks)

(ii) Ocean currents (2 marks)

(c) Explain four ways in which marine fisheries in Kenya can be conserved (8 marks)

(d) (i) Give three methods used to preserve fish in Kenya (3 marks)

(ii) Explain three problems experienced by fishermen in Lake Victoria (6 marks)

9 (a) (i) Differentiate between land reclamation and land rehabilitation. (2 marks)

(ii) Name three methods of irrigation used in Kenya. (3 marks)

(b) (i) State three objectives that led to the establishment of Mwea irrigation scheme in Kenya (3 marks)

FOR MARKING SCHEMES INBOX MR CHEPKWONY PN 0724351706

(ii) Explain four problem facing irrigation farming in Kenya. (8 marks)

(c) (i) What is a polder? (2 marks)

(ii) Name two crops grown in polders (2marks)

(d) Give five benefits of the Zulder Zee project to the Dutch. (5Marks)

10 (a) (i) Define the term Environmental conservation (2marks)

(ii) Apart from floods and environmental pollution name any other three environmental hazards (3 marks)

(iii) How do floods occur? (2 marks)

(b) Explain four measures used to combate floods in Kenya. (8 marks)

(c) (i) State three ways in which farming contributes to water pollution. (3 marks)

(ii) State four effects of air pollution on the environment (4 marks)

(d) Give three ways in which air pollution can be controlled. (3 marks)

KAPSABET BOYS HIGH SCHOOL TRIAL AND PRACTICE EXAM 2019

312/1

GEOGRAPHY

PAPER 1

SECTION A

Answer all questions in this section.

1. (a) Define the term Environment. (1mk)

(b) Highlight **two** types of environment (2mks)

(c) Briefly explain the relationship between Geography and chemistry. (2mks)

2. (a) State **two** effects of the revolution of the earth. (2mks)

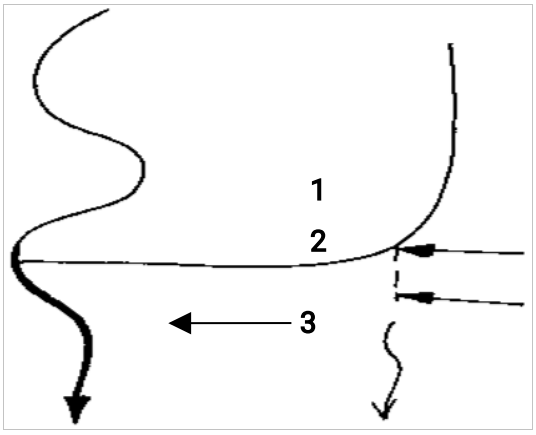
(b) What is the longitudinal of a place **X** whose local time is 8.00an, when the local time at Greenwich meridian (0^{o}) at noon? (3mks)

3. (a) Define the term mineral (1mk)

(b) Distinguish between porous and pervious rocks. (2mks)

(c) List **two** factors that influence the development of a soil profile (2mks)

4. The diagram below illustrates river capture.

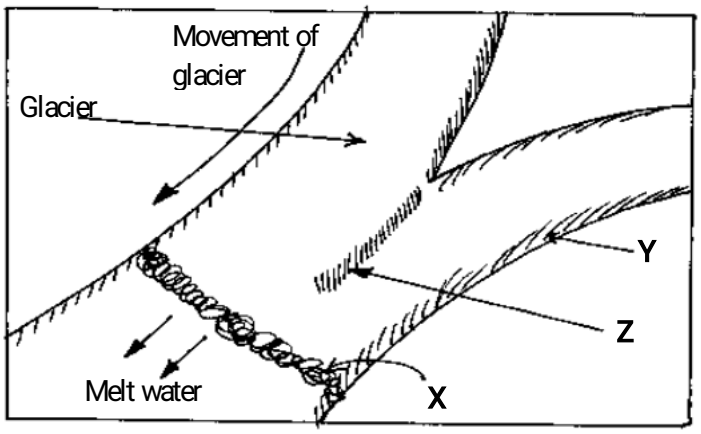


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(a) Name the features marked **1**, **2** and **3**. (3mks)

(b)State **two** causes of river rejuvenation. (2mks)

5. The diagram below shows the movement of the glacier.



(a) Identify the moraines marked **X**, **Y**, and **Z** (3mks)

(b) State **two** factors that influence the movement of glacier. (2mks)

SECTION B

Answer question 6 and other twoquestions from this section.

6. Study the map of Kitale 1:50, 000 (sheet 75/3) provided and answer the following questions.

(a) (i) Name **two** administrative divisions of Kitale map extract. (2mks)

(ii) Give the **six** grid reference of Kipsain police post. (2mks)

(iii) Mention **two** methods that have been used to represent relief on the map extract. (2mks)

(b) (i) Calculate the area of Kitale municipality. Give your answer in km^2 (2mks)

(ii) Name **two** functions of Kitale township (2mks)

(iii) Give the longitudinal extent of Kitale map extract. (2mks)

(c) (i) Using reduction fraction of ½, reduce easting 32 to 40 and northing 11 to 17. On the reduced area mark house surface road number **C**638. (4mks)

(ii) Giving evidence from the map extract, name **two** economic activities carried out within the map extract. (4mks)

(d) Students from Onjiko high school went out for a field study within the area covered by the map extract. When journey started from Kitale Municipality towards Saiwa farms

i) What preparations they made before the actual field study. (2mks)

(ii) Give **two** reasons why it was necessary to carry out previsit before actual field study. (2mks)

7. (a) (i) Define Mass-wasting (1mk)

(ii) State **three** factors that influence the speed of mass-wasting. (3mks)

(b) Explain **three** causes of landslides. (6mks)

(c) (i) State **three** factors necessary for the formation of Karst Scenery (Lime stone landscape) (3mks)

(ii) Using a well labelled diagram, describe the formation of Grikes and Clints

FOR MARKING SCHEMES INBOX MR CHEPKWONY PN 0724351706

(5mks)

(d) Suppose you carried out a field study of Karst scenery

(i) Name the underground features you observed. (2mks)

(ii) Give reasons why work-schedule is necessary in fieldwork. (3mks)

(iii) State **two** reasons why Karst landscape is not suitable for settlement (2mks)

8. (a) (i) What is volcano? (1mk)

(ii) Differentiate between the following terms

-Magma and lava (2mks)

-Solfatara and moffete (2mks)

(b) Draw an outline map of Kenya (1mk)

On it mark and label;

- Mount Kenya (1mk)
- Yatta plateau (1mk)
- Equator (3mks)

(c) Describe how the following features were formed

(i) Mount Kenya (4mks)

(ii) Yatta plateau (3mks)

(d) You are supposed to carry out a field study on a landscape influenced by vulcanicity

(i) State **three** problems you are likely to experience during the field study? (3mks)

(ii) Explain **three** negative effects of vulcanicity which you are likely to observe (6mks)

9. (a) (i) Identify **three** processing of wind erosion. (3mks)

(ii) Give **three** reasons why wind is an effective agent of erosion in hot deserts (3mks)

(b) Describe how the following features are formed. Illustrate your answer.

(i) Rock pedestal (5mks)

(c) State **three** features formed as a result of water action in the deserts. (3mks)

(d) Muhoroni high school students conducted a field study in Chalbi desert.

(i) State **three** reasons why they needed to sample part of the desert.(3mks)

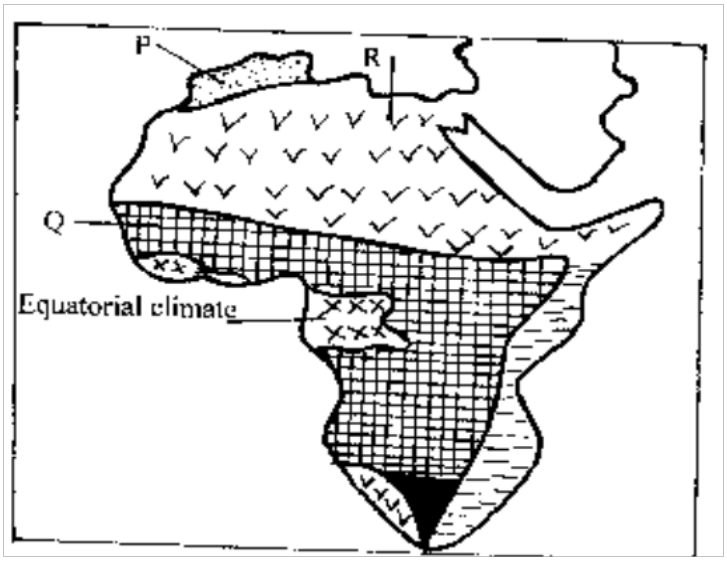
(ii) List **two** sampling techniques they are likely to have used. (2mrks)

10. (a) Explain how the following factors influence climate

(i) Latitudes (2mks)

(ii) Distance from the sea (2mks)

(b) Study the climate map of Africa and answer the questions that follow.



FOR MARKING SCHEMES INBOX MR CHEPKWONY PN 0724351706

(i) Name the climatic region marked **P** and **Q**. (2mks)

(ii) Describe **three** characteristics of equatorial climate. (3mks)

(c) (i) What is climatic change ? (1mk)

(ii) Explain **two** effects of climate change on the physical environment. (4mks)

(d) The table below shows rainfall and temperature figures of a station in Africa.

Month	**J**	**F**	**M**	**A**	**M**	**J**	**J**	**A**	**S**	**O**	**N**	**D**
Temperature	23	24	23	22	19	17	18	19	19	20	22	23
Rainfall in (mm)	109	122	130	76	52	34	28	38	70	108	121	120

(i) On the graph paper provided draw a bar graph to represent the rainfall figures. (Use vertical scale of 1cm to represent 10mm). (5mks)

(ii) Describe the rainfall pattern of the station. (3mks)

(iii) Calculate the average monthly temperature of the station. (Show working). (2mks)

(iv) Identify the type of climate represented in the table above. (1mk)

KAPSABET BOYS HIGH SCHOOL TRIAL AND PRACTICE EXAM 2019

Paper 2

Section A

1. (a) Mention **three** measures taken by the East African countries to manage wildlife (3mks)

(b) A part from game parks and reserves, give **two** other tourist attraction sites in Kenya (2mks)

2. (a) What is market gardening? (1mk)

(b) State **four** factors that favour market gardening in Kenya. (4mks)

3. (a) Give **two** reasons for the decline in the use of letters as a mode of communication in Kenya. (2mks)

FOR MARKING SCHEMES INBOX MR CHEPKWONY PN 0724351706

(b) Mention **three** benefits of road expansion in Kenya (3mks)

4. (a) List **two** factors hindering exploitation of natural forest in Kenya (2mks)

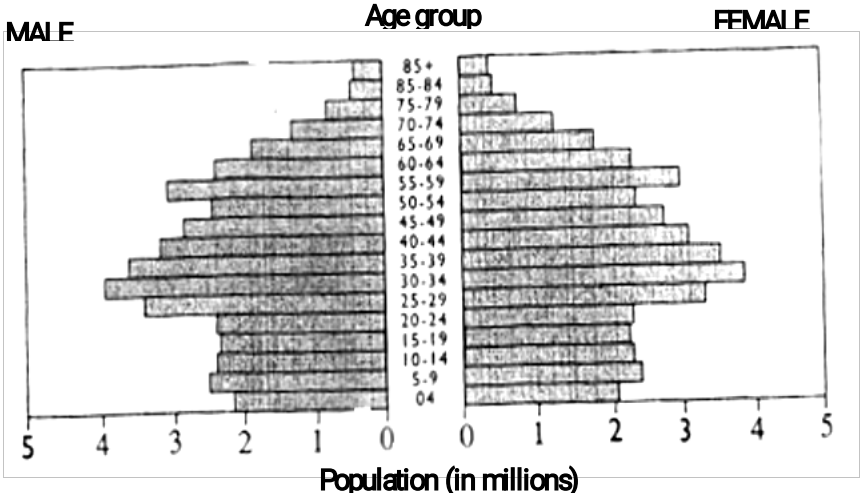
(b) Give **three** characteristics of planted forests (3mks)

5. (a) Give the difference between visible trade and invisible trade (2mks)

(b) State **three** benefits that Kenya will get from the renewal of East African cooperation. (3mks)

SECTION B

6. Study the population pyramid below to answer question 6(a)



(a) (i) Identify **one** country that is represented by the pyramid above (1mk)

(ii) Give **three** characteristics of the population represented by the pyram (3mks)

(iii) Give **three** disadvantages of population structure represented by the pyramid. (3mks)

(b) Define the following terms

(i) Census (2mks)

(ii) Fertility (2mks)

(c) Identify **three** types of internal migration (3mks)

(d) Explain how the following influences population increase in Kenya.

(i) Early marriage

(ii) Improved medical care

(iii) Cultural beliefs (6mks)

7. (a) State **three** physical conditions that favour large scale sugarcane farming in Kenya. (3mks)

(b) Describe the cultivation of sugarcane in the lake region of Kenya from the preparation of land (6mks)

(c) Explain **five** problems facing sugarcane farming in Kenya. (10mks)

(d) Your class visited a sugar factory for a field study on sugar processing.

(i) Outline **four** stages of sugar processing that the class may have observed.(4mks)

(ii) Name **two** by-products of sugar that the class may have identified during the study. (2mks)

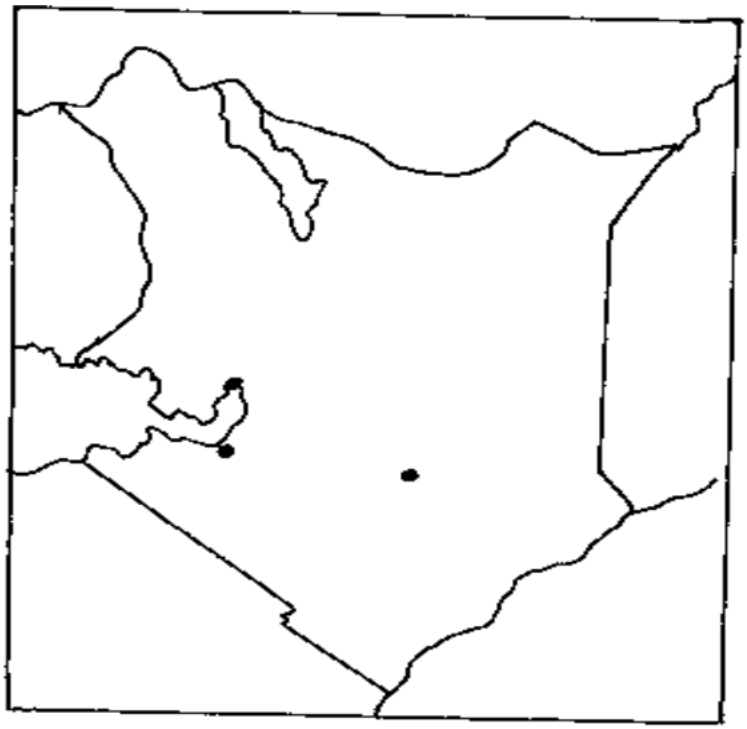
8. (a) (i) Differentiate between fishing and fisheries (2mks)

FOR MARKING SCHEMES INBOX MR CHEPKWONY PN 0724351706

(ii) What are pelagic fish? (1mk)

(iii) Give **two** examples of pelagic fish (2mks)

(b) Fish farming stations`



(i) Name the fish farming stations/points marked **A**, **B** and **C** (3mks)

(ii) State **three** characteristics of fish farming in Kenya (3mks)

(iii) Explain **three** ways through which fish farming contributes to the economy of Kenya. (6mks)

(c) (i) Describe trawling method of fishing (4mks)

(ii) Compare fishing in Kenya and Japan under the following sub-headings

(i) Marketing (2mks)

(ii) Nature of the coastline (2mks)

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

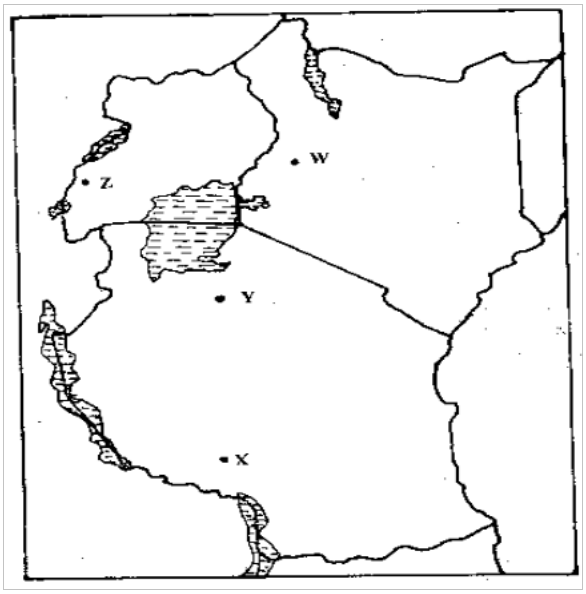
(ii) State **four** benefits of decentralizing industries in Kenya (4mks)

(iii) Give **four** reasons why Kenya should become an industrialized country (4mks)

(b) State **five** reasons why the development of the Jua kali industry is encouraged in Kenya (5mks)

(c) Explain **five** factors which influenced the location of Iron and Steel industry in the Ruhr Region of Germany. (10mks)

10. Use the



map of East Africa to answer question (a)(i).

FOR MARKING SCHEMES INBOX MR CHEPKWONY PN 0724351706

(a) (i) Identify the materials mined in the areas marked **W, X, Y** and **Z**. (4mks)

(ii) Name **two** sea ports through which some of the minerals mined in East Africa are exported (2mks)

(b) (i) State **three** ways in which mining derilicts can be reclaimed (3mks)

(ii) Explain **four** ways in which diamond mining contributes in the economy of South Africa (8mks)

(c) (i) What is energy crisis? (1mk)

(ii) State three causes of energy crisis in Kenya? (3mks)

a. (i) State **two** problems that affect hydro-electric power production along river Tana. (2mks)

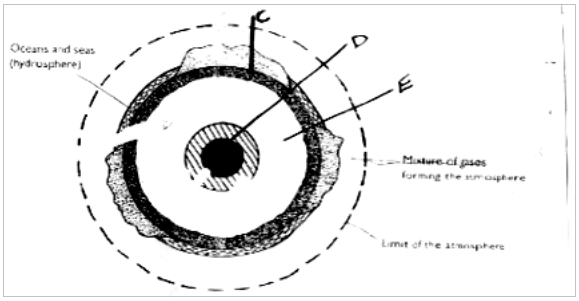
(ii) Give **two** factors which hinder the expansion of Geothermal power production in Kenya. (2mks)

BAHATI GIRLS HIGH SCHOOL TRIAL AND PRACTICE EXAM 2019

312/1
GEOGRAPHY
Paper 1

SECTION A
ANSWER ALL THE QUESTIONS IN THIS SECTION

1. Study the diagram below showing the Internal Structure of the earth and answer question (a) and (b)



(a) Name the parts marked **C** and **D** (2 marks)

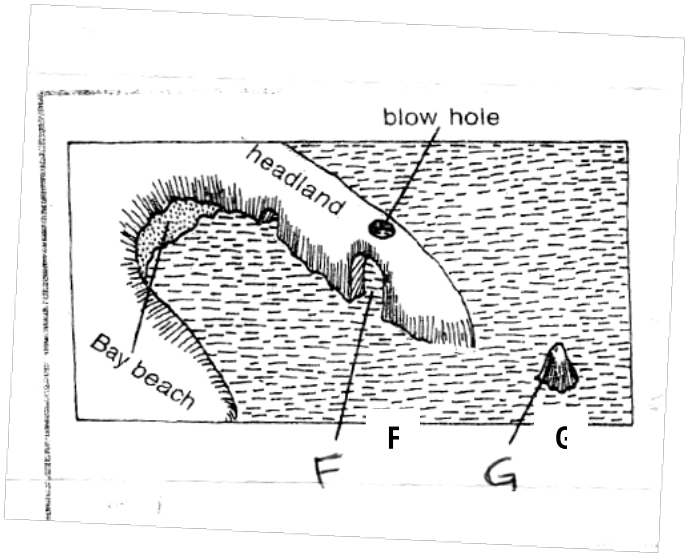
(b) State three characteristics of parts marked **E** (3marks)

2. Describe the origin of continents according to the theory of Continental Drift (5marks)

3. (a) Give three processes that lead to the formation of Lakes. (3 marks)

(b) Apart from Lake Magadi, name two other lakes within the Rift Valley in Kenya that have high levels of salinity. (2 marks)

4. The diagram below shows erosional features of the waves at the coast. Use it to answer question (a)



(a) Identify the features marked **F** and **G**. (2 marks)

(b) Give three submerged upland coasts (3 marks)

5. (a) Distinguish between soil profile and soil catena (2 marks)

(b) Give three soil forming processes. (3 marks)

SECTION B

Answer question 6 and any other questions from this section.

6. Study the map of Karatina (1:50,000) sheet 121/3 provided and answer the following questions.

(a) (i) Give the latitudinal extent of the area covered by the map. (2marks)

(ii) Identify two districts represented in the area covered by the map. (2 marks)

(iii) Convert the ratio scale used in the map to a statement scale. (2marks)

(b) (i) Calculate the bearing of Kiriti school in grid square 9745 from a school in grid square 9451. (2 marks)

(ii) Measure the distance of an all weather road, bound surface from a junction in grid square 9247 to a junction at Gatei, grid square (9556) (2 marks)

(c) Draw a rectangle measuring 15cm by 12cm to represent the area covered by the

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map. (1mark)

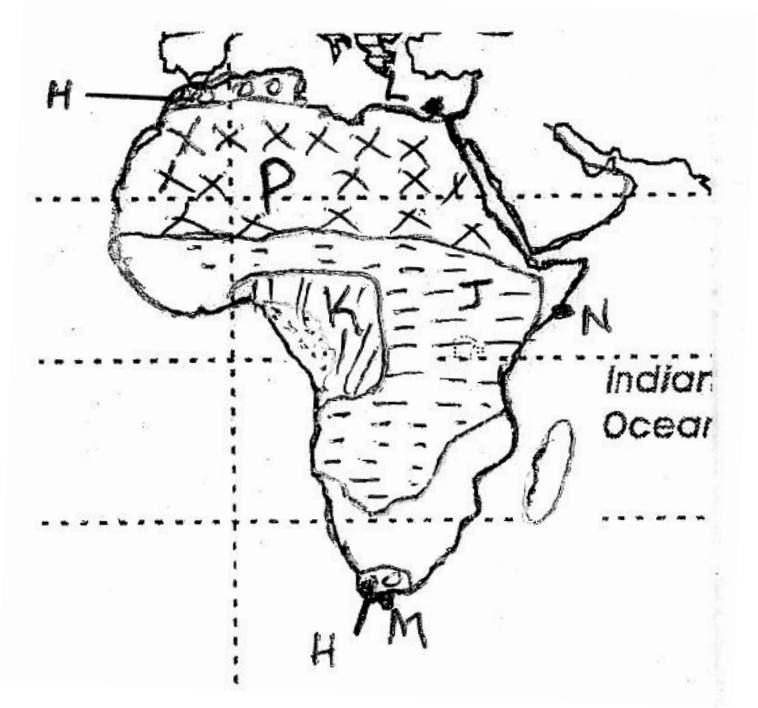
On it mark and name the following

- Karatina town (1mark)
- Tumutumu forest (1 mark)
- A hill at Tagwa (1 mark)
- A papyrus swamp (1 mark)

(d) (i) Describe the distribution of settlement in the area covered by the map. (6marks)

(ii) Citing evidence from the maps, explain the factors favouring coffee farming in the area covered by the map. (4 marks)

7. Study the map of Africa provided below and answer questions (a) and (b)



(a) (i) Identify climatic regions marked **H, J** and **K** (3 marks)

(ii) Give the names of the towns marked **L, M** and **N**. (3 marks

(b) State five characteristics of climatic region marked **P** (5 marks)

(c) (i) Give three natural causes of climate change (3 marks)

(ii) State five effects of climatic change (5 marks)

(d) You are supposed to carryout a filed study on weather within your school compound.

Describe how you would use the following instrument during the study.

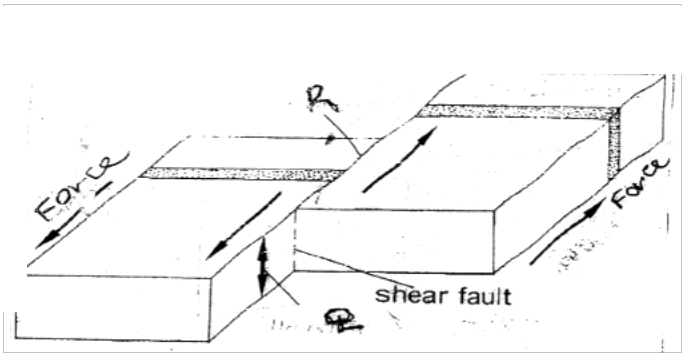
(i) The Hygrometer (3 marks)

(ii) The rainguage (3 marks)

8. (a) (i) Distinguish between faulting and folding (2 marks)

(ii) The following diagram shows a shear fault. Name the parts marked **Q** and **R.** (2 marks)

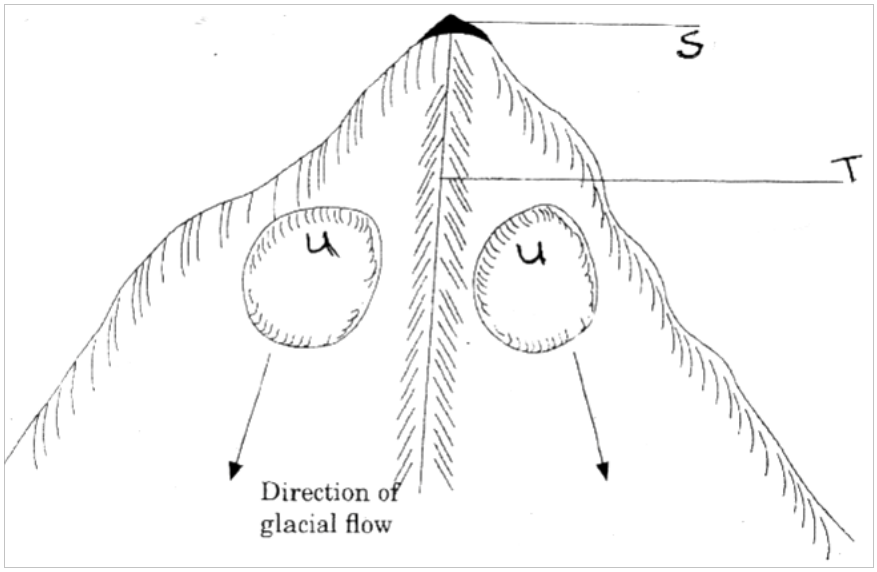
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(iii) Apart from shear fault give three more types of faults (3 marks)
(b) Describe how a fault block is formed (4 marks)
(c) Explain four positive effects of faulting (8 marks)

(d) Your class intends to carry out a field study on t he floor of Gregory Rift. Valley
(i) Which three volcanic features would they identify? (3 marks)
(ii) State three problems which they are likely to experience (3 marks)

9. The diagram below show glaciated highlands. Use it to answer question (a) (i)



(i) Name the features marked **S, T,** and **U.** (3 marks)
(ii) Give three ice capped mountains in Africa, (3 marks)
(b) (i) Draw a diagram showing a valley glacier. (1 mark)
On it mark and name the position of the following types of moraines. (3 marks)
- Lateral moraine
- Medial moraine
- Terminal moraine

(ii) Using a diagram describe how a crag and tail is formed. (7 marks)
(c) Explain four significance of glaciated landscape to human beings. (8 marks)

10. (a)(i) Give four sources of underground water. (4 marks)
(ii) Which are the three zones of saturation below the earth surface. (3 marks)
(b) State three conditions necessary for the formation of Karst landscape. (3 marks)

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(c) The diagram below shows underground features in a karst area. Use it to answer the questions (i) and (ii)

Impermeable rocks

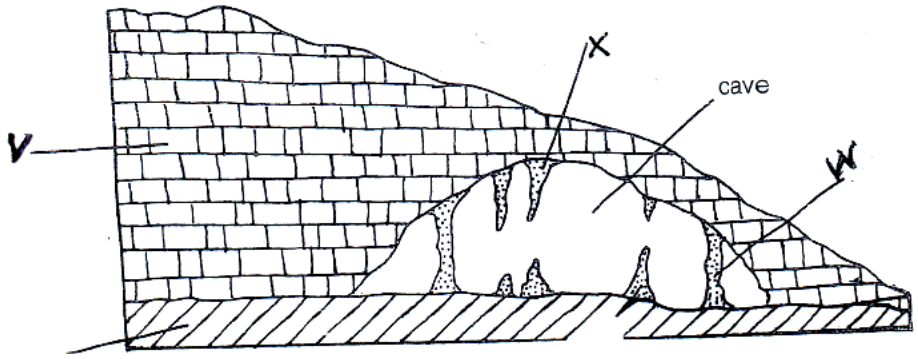
(i) Identify the features marked **V** and **W** (2 marks)
(ii) Describe how feature marked **X** is formed (5 marks)
(d) Explain four ways in which karst features influence human activities (8 marks)

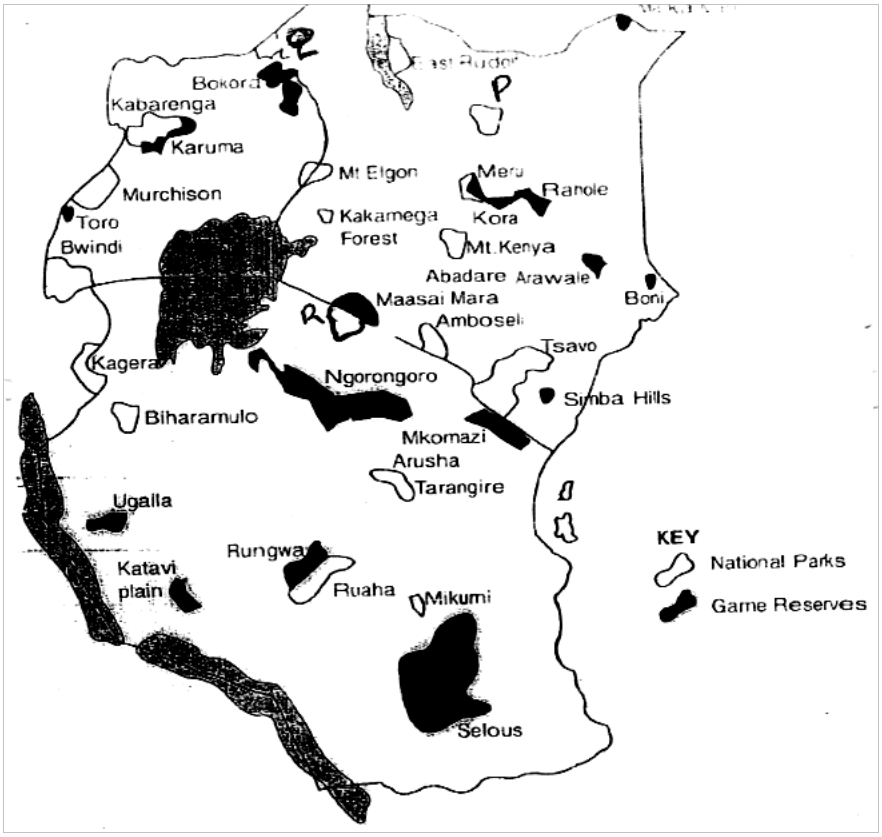
BAHATI GIRLS HIGH SCHOOL TRIAL AND PRACTICE EXAM 2019

Paper 2

SECTION A

1. (a) Name two exotic species of trees in Kenya (2marks)
   (b) State three reasons why it is necessary to carry out a forestation programs in Kenya (3 marks)
2. State three reasons why it is necessary to carry out afforestation programs in Kenya (3marks)
   (b) Give two by-products of sugar-cane (2marks)
3. Use the map of East Africa below to answer question (a)
   (a) Identify the National Parks marked **P,Q** and **R.** (3marks)
   (b) Give two endangered species of game animals in Kenya (2marks)





4 (a) Name the main human activity which led to the growth of the following town in Kenya. (3marks)

i) Thika
ii) Eldoret
iii) Nairobi

(b) State two factors which may lead to development of linear settlement pattern (2marks)

5. (a) What is fertility rate? (2marks)

(b) Give three problems associated with slow population growth rate (3marks)

SECTION B

Answer question 6 and any other two questions in this section

6. The table below shows the value of Kenya's imports for selected items in year 2005 and 2006. Use it to answer question (ai). (Values are in million Ksh)

Item/Year	2005	2006
Petroleum	26035	22065
Machinery	37933	25474
Vehicles	14524	14382
Pharmaceuticals	7188	8678

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(a (i) Calculate the percentage reduction of value of imported machinery between year 2005-2006. (2marks

(ii) Which item had the highest increase in value of imports between the two years? (2marks)

(iii) Using a vertical scale of 1cm represent Ksh.5000 million, draw a comparative bar graph to represent the data above. (8marks)

(b) (i) Distinguish between invisible exports and visible exports. (2marks)

(ii) Give five measures Kenya has taken to reduce the unfavourable balance of trade (5marks)

(c) Explain three benefits of international trade in Kenya. (6marks)

7 Define the term nomadic pastoralism (2marks)

(a) Give three breeds of beef cattle reared in Kenya. (3marks)

(b) Explain three reasons why pastoralists practice extensive grazing in Kenya. (6marks)

(c) State five ways in which the government of Kenya is assisting beef farmers. (5marks)

(d) State three factors favouring beef farming in Argentina (3marks)

(ii) Explain three ways in which beef farming in Kenya is different from beef farming in Argentina. (6marks)

8. What is fish farming (2marks)

(ii) Name three counties in Kenya where fish farming is commercially practiced. (3marks)

(b) A part from trawling, give three other commercial methods of fish (3marks)

(ii) Describe how trawling method is carried out in fishing. (5marks)

(c) State four problems facing fishing in Lake Naivasha (4marks)

(d) Explain four reasons why fishing Industry is well developed in North West Pacific region of the world. (8marks)

9. Distinguish between land **reclamation** and land **rehabilitation.** (2marks

(i) Apart from Perkerra irrigation scheme name three more irrigation schemes in Kenya. (3marks).

(b) State five factors which favoured establishment of Perkerra Irrigation Scheme. (5marks)

(c) Describe the stages involved in reclamation of land from the sea in the Netherlands. (7marks)

(d) Explain Four Factors that make polders of Netherland suitable for cultivation. (8marks)

10 What are environmental hazards? (2marks)

(ii) Apart from windstorms name three other environmental hazards associated with climatic conditions (3marks)

(iii) State three problems caused by windstorms in Kenya. (3marks)

(b) State Five causes of water pollution. (5marks)

(c) Explain four measures taken to combat noise pollution in Kenya. (8marks)

(e) A group of Form four students from a school in Nairobi Town went out for a field study on land pollution within the town.

Give four causes of land pollution they may have observed. (4marks)

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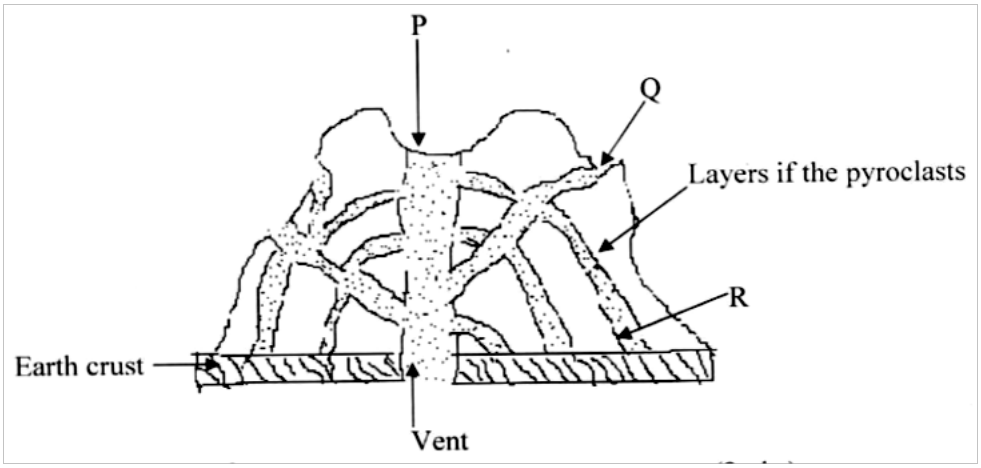
312/1
GEOGRAPHY
PAPER 1

SECTION A
Answer ALL Questions.

1. (a) State **three** causes of volcanicity. (3mks)

(b) The diagram below shows a composite volcano. Name the features marked P and Q (2mks)

.



2. (a) Differentiate between weathering and mass wasting. (2mks)

(b) State **three** physical factors that influence the rate of mass movement. (3mks)

3. (a) Differentiate between plutonic and volcanic rocks. (2mks)

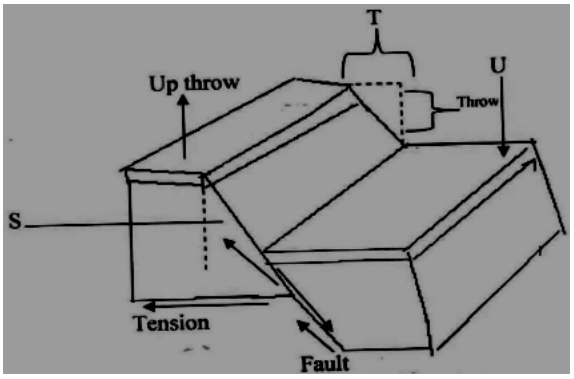
(b) Give an example in each of the following types of igneous rocks.

(i) Plutonic (1mk)

(ii) Hypabyssal (1mk)

(iii)Volcanic (1mk)

4. (a) The diagram below shows the formation of features resulting from faulting. Name the parts marked S, T and U. (2mks)



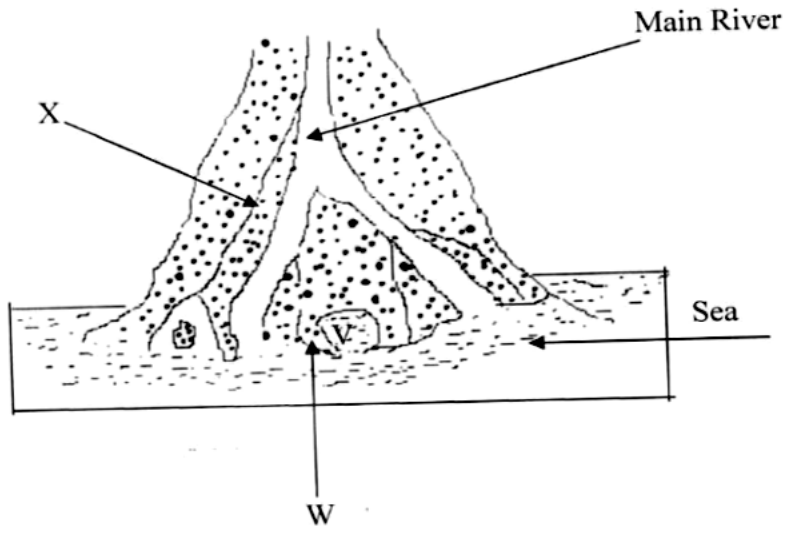
(b) Name **two** escarpments found within the Gregory rift system. (2mks)

5. (a) Define the term "Estuary." (2mks)

6.

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(b) The diagram below shows a delta. Name the features marked V, W and X. (3mks)



SECTION B

Answer question 6 and any other two questions in this section

7. Study the map of Karatina (1:50,000) sheet 121/3 provided and answer the following questions.

(a) (i) Give the six figure grid reference for Rititi school. (1mk)

(ii) Convert the scale used in the map to a statement scale. (2mks)

(iii) Give the magnetic variation on the map. (1mk)

(b) (i) Using a vertical scale of 1cm represents 30m. Draw a cross section between grid references 860490 to 920490. On it name and mark the following:- (6mks)

- River
- Road
- Settlement

(ii) Name **two** districts on the area represented on the map. (2mks)

(iii) Citing evidence, give **three** economic activities carried out at S.E. of Karatina. (3mks)

(c) Describe the relief of the area covered by the map. (4mks)

(d) Students of Gathambiro School (grid square 8857) carried out field study on the area covered by the map.

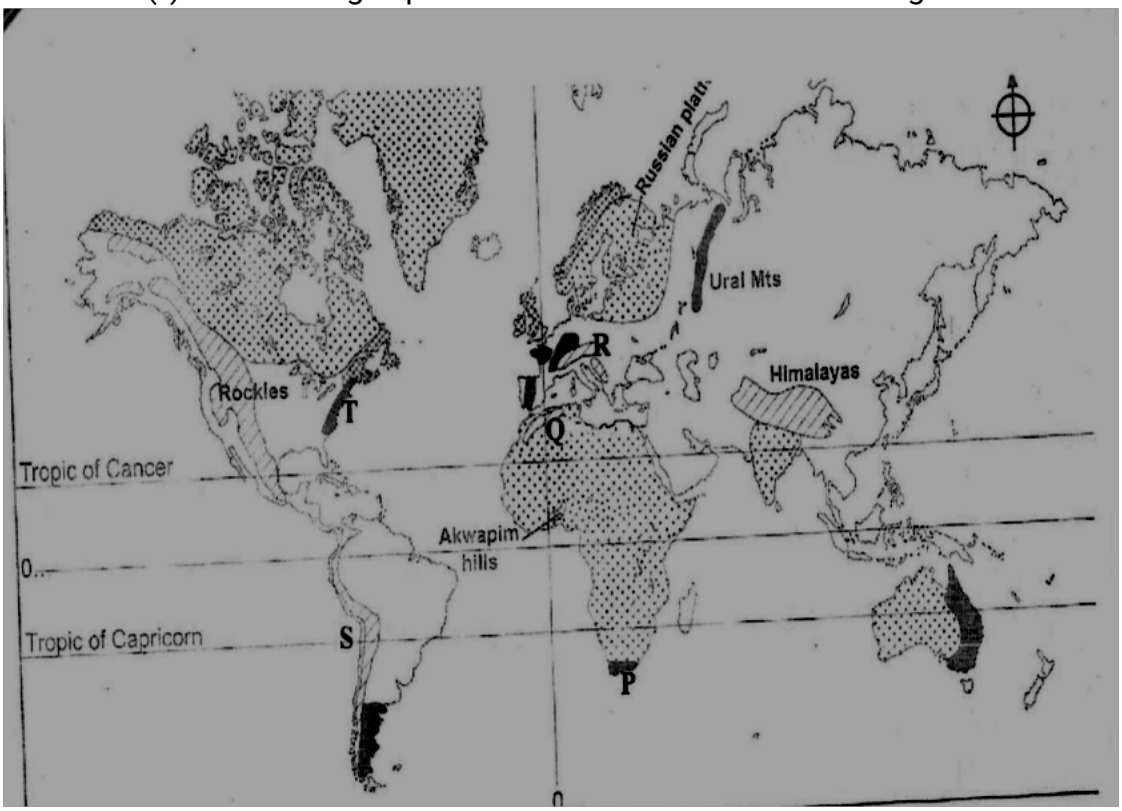
(i) Name **three** physical features they may have identified. (3mks)

(ii) State **three** follow up activities they might have done after the fieldwork. (3mks)

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8. (a) What is folding? (2mks)

(b) The following map shows the location of fold mountain ranges of the world.



(i) Name the features marked P, Q, R, S and T. (5mks)

(ii) With the aid of a well labeled diagram, describe how a recumbent fold is formed. (6mks)

(c) Apart from Fold Mountains name other main lard forms resulting from folding.(4mks)

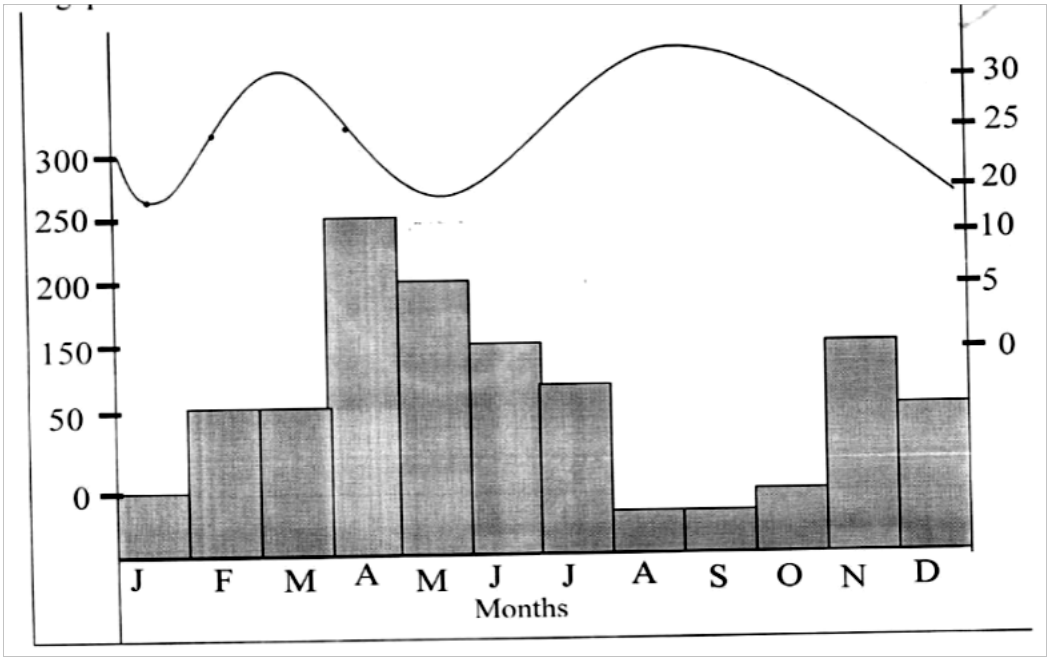
(d) Explain **four** ways in which Fold Mountains influences climate. (8mks)

9. (a) (i) What is an isothermal layer? (2mks)

(ii) Name **three** isothermal layers found in the atmosphere. 3mks

(b) The graph below shows climatic characteristics of a station in Kenya. Use to answer the following questions.

FOR MARKING SCHEMES INBOX MR CHEPKWONY PN 0724351706

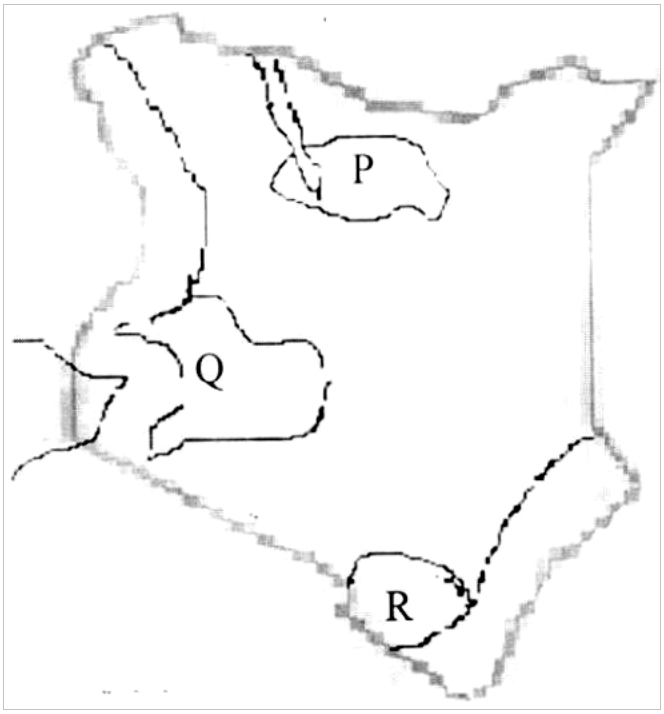


(i) Calculate the annual range of temperatures. (2mks)

(ii) Calculate the annual total amount of rainfall received at the station. (2mks)

(c) Describe **six** climatic conditions experienced in the Kenyan highlands. (6mks)

(d) (i) The map below shows the climatic regions of Kenya. Name the parts marked Q and R. (2mks)



(ii) Give **four** development activities that the Kenyan government could initiate sustainably in the region marked P. (2mks)

(iii) Explain how the following factors influence the climate of a region:

i. Aspect (2mks)

ii. Ocean currents (2mks)'

FOR MARKING SCHEMES INBOX MR CHEPKWONY PN 0724351706

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

(ii) Name **two** examples of Lakes in Kenya formed by tectonic movement. (2mks)

(b) (i) With the aid of well labeled diagrams, describe how Lake Paradise in Kenya was formed? (6mks)

(ii) Name **two** examples of Lakes in Africa, outside the East Africa, that were formed in a similar way. (2mks)

(c) Explain **four** negative effects which human activities have on lakes. (8mks)

(d) Your Geography teacher has asked you to carry out a field study on the lake near your school.

(i) Formulate **two** hypothesis of the study. (2mks)

(ii) State any **three** methods you would use to collect the data.(3mks)

11. (a) (i) Name **three** erosional features in glaciated lowlands. (3mks)

(ii) Describe the process involved in the formation of a tarn. (5mks)

(b) State **three** conditions that may lead to glacial deposition in lowlands.(3mks)

(c) Explain **four** ways in which a glaciated landscape is of significance to human activities. (8mks)

(d) Suppose students were to carry out a field study on glaciations on Mt. Kenya:

(i) Give **two** reasons why they would need a route map. (2mks)

(ii) Name **two** types of moraines they are likely to study. (2mks)

(iii) State **two** problems they are likely to experience during the field study. (2mks)

KABARAK HIGH SCHOOL TRIAL AND PRACTICE EXAM 2019

Paper 2

SECTION A

Answer ALL Questions.

1. (a) Differentiate between Renewable and Non-renewable sources of energy. (2mks)

   (b) State **three** physical factors that favour generation of Hydro-electric power in Uganda. (3mks)

2. (a) Define the term a Forest. (2mks)

   (b) State **three** factors that hinder exploitation of Tropical rainforest. (3mks)

3. (a) Name two primary sources of population data. (2mks)

   (b) State **three** negative effects of high population to a developing country. (3mks)

4. (a) Give **three** factors to be considered when choosing a method of mining. (3mks

   (b) Name **two** examples of fossil fuels. (2mks)

5. (a) State **three** measures taken by the Kenyan government to control poaching of Elephants and Rhinos. (3mks)

   (b) List any **two** problems associated with tourism in Kenya. (2mks)

SECTION B

Answer question 6 and any other two questions in this section

6. The table below shows the total number of horticultural crops exported from Kenya in 2008 and 2009. Use it to answer question (a) (i) and (a) (ii) below.

FOR MARKING SCHEMES INBOX MR CHEPKWONY PN 0724351706

Crop	Total number of Horticultural crops	
	2008	2009
Oranges	942,000	965,000
Tomatoes	120,000	154,000
French beans	97,000	128,000
Passion fruits	94,000	103,000
Onions	19,000	24,000
Flowers	29,000	41,000
Total	**1,301,000**	**1,415,000**

(a) (i) Identify the crop which had the highest increase in the number of export in Kenya between 2008 and 2009 and indicate the change. (2mks)

(ii) Calculate the percentage increase of onions between 2008 and 2009. (3mks)

(iii) Draw a divided rectangle 15cm long to represent the horticultural export from Kenya in 2009. Show your calculations. (10mks)

(b) (i) Name **three** horticultural farming areas of the Netherlands. (3mks)

Explain how the following factors influence horticultural farming in the Netherlands:

i. Technology (2mks)

ii. Marketing systems (2mks)

(a) State **three** reasons why horticultural goods are transported by air.(3mks)

7. (b) What is fish farming? (2mks)

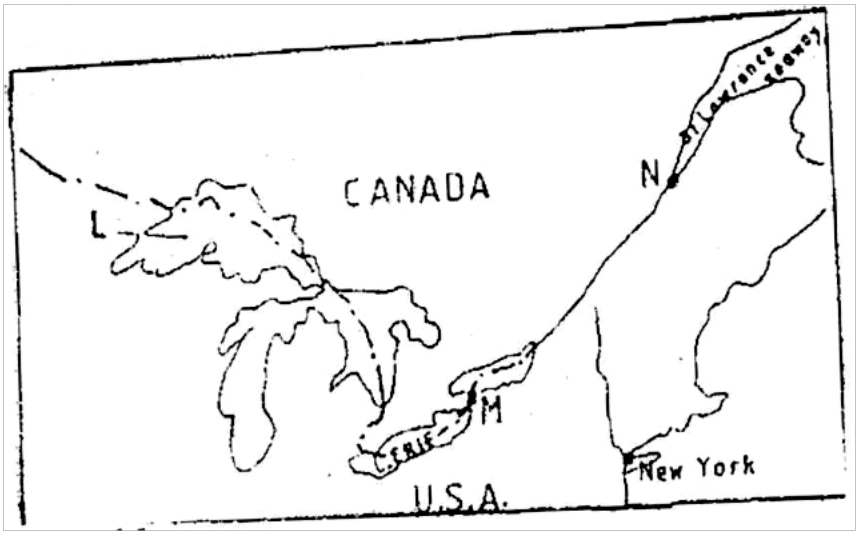
(e) Explain **four** factors which favour fishing in the temperate regions. (8mks)

(f) (i) Explain **three** methods of conserving fisheries. (6mks)

(ii) State **four** problems that face inland fisheries in East Africa. (4mks)

(g) Describe Trawling fishing method. (5mks)

9. Below is a sketch of the map of great lakes – St. Lawrence Seaway. Use it to answer question (a).



(a) Name:

(i) The Lake marked L. (1mk)

(ii) The Waterfall marked M. (1mk)

(iii) The port marked N. (1mk)

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(a) Explain **three** ways in which the great lakes and St. Lawrence Sea Way has contributed to the economy of Canada and the United States of America (U.S.A. (6mk)

(b) Explain **four** factors that hinder the development of railway links among African countries. (8mks)

(c) (i) State **two** recent developments that have taken place in Kenya to improve communication of information. (2mks)

(ii) Explain **three** problems facing telephone as a means of communication in Kenya. (6mks)

10. (a) What is Urbanization? (2mks)

(b) Explain **four** physical factors which favoured the siting of Mombasa town. (8mks)

(c) Compare the port of Mombasa and Rotterdam under the following sub-headings:

(i) Technology (2mks)

(ii) Linkage to the hinterland. (2mks)

(d) (i) Explain **four** problems associated with the growth of Nairobi city. (8mks)

(ii) Name **three** urban functional zones. (3mks)

12. (a) (i) Apart from water and air pollution, name **two** other types of pollution. (2mks)

(ii) Identify **three** ways through which water is polluted. (3mks)

(iii) Explain **three** effects of air pollution on the environment. (6mks)

(b) (i) Explain **three** factors that lead to frequent flooding in the lake region of Kenya. (6mks)

(ii) Explain **two** ways through which floods are controlled in the lake region of Kenya. (4mks)

(c) State **four** effects of wind as an environmental hazard in Kenya. (4mks)

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GEOGRAPHY

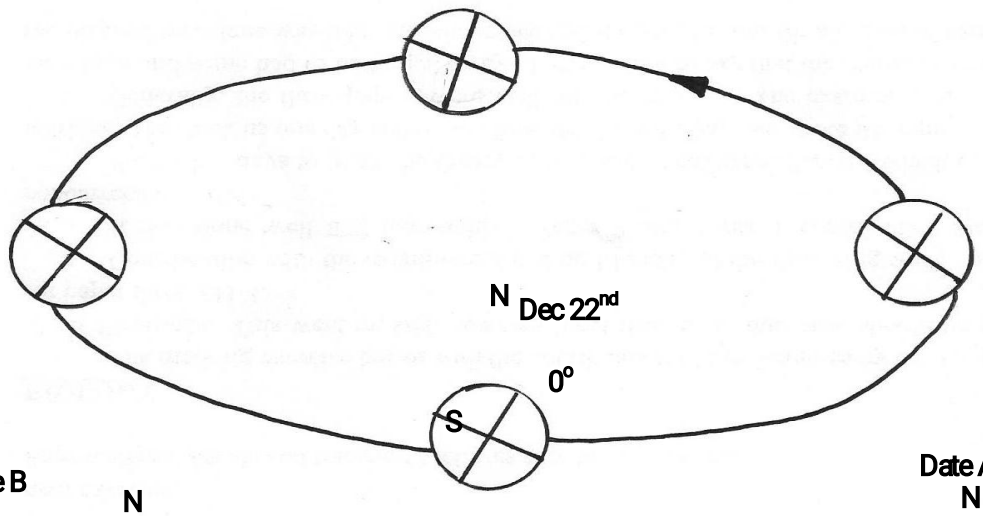
PAPER 1

SECTION A: 25 MKS

Answer all questions in this section

1. (a) Differentiate between rotation and revolution of the earth (2mks

(b) Study the diagram below and answer the questions that follow



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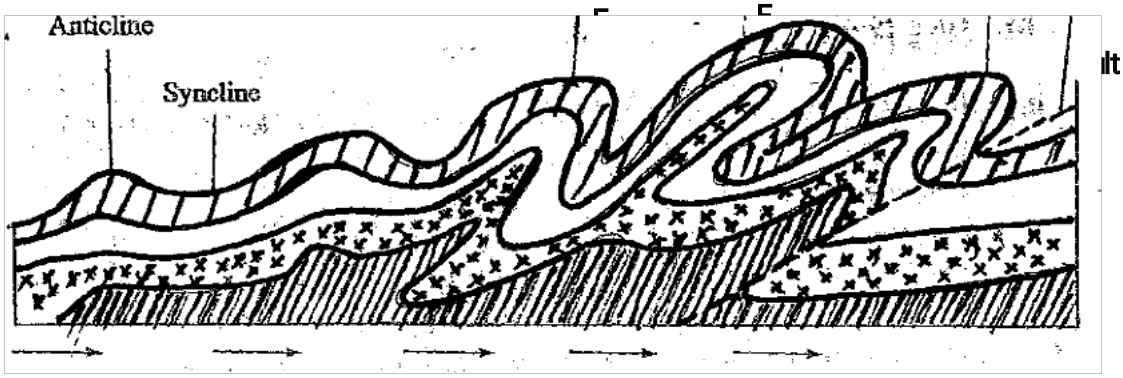
Identify

(i) The season marked **X** (1mk)

(ii) The date marked by **A** (1mk)

(c) State **one** characteristic of the summer solistice (1mk

2. The diagram below shows same types of folds. Use it to answer question (a)



(a)Name the type of folds marked **E**, **F** and **G** (3mks)

(b) State **two** causes of folding (2mks)

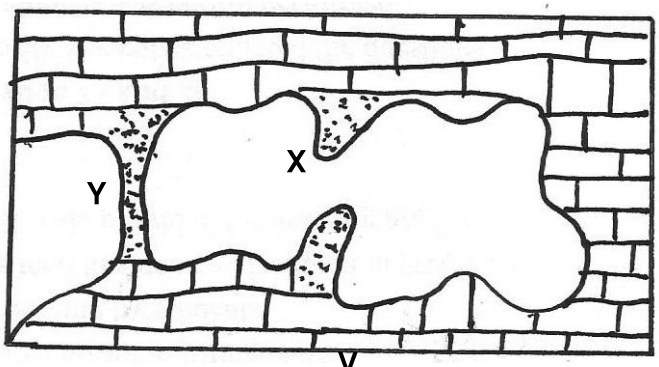
3. (a) State **three** ways in which wind transports its load (3mks)

(b) Identify **two** features produced by water in arid areas (3mks)

4. (a) Describe how Lake Victoria was formed (3mks)

(b) State the economic importance of lake Naivasha (2mks)

5. The diagram below represents underground features in a limestone area. Use it to answer question (a)



FOR MARKING SCHEMES INBOX MR CHEPKWONY PN 0724351706

(a) Name the features marked **X** and **Y** (2mks)
(b) Describe how the feature marked **V** is formed (3mks)

SECTION B
Answer question 6 and Any other two questions from this section

6. (a) (i) Identify two physical features found in grid square 0450 (2mks)
(ii) What is the position of Airport principal point +13A/97 5047 in grid square 9354 using latitudes and longitudes (2mks)
(iii) Measure the length of the all weather road loose surface E1706 from the junction at the market grid square 867576. Give your answer in metres(2mks)
(b)(i) Draw a cross section along Northing 51 between Eastings 82 and 88 . Use a scale 1cm rep 50ft. On the section mark and name
River Sagana
Loose surface road
Hill
River Rathithi (7mks)
(ii) Calculate the vertical exaggeration of the section (2mks)
(c) Citing evidence from the map, state four economic activities of the area covered by the map (4mks)
(d) Explain how relief has influenced the distribution of settlement in the area covered by the Map (4mks)

7. (a) State **three** characteristics of Inter-Tropical convergence zone (3mks)
(b) Describe the characteristics of Equitorial climate (6mks)
(c) (i) State **three** different ways by which air condences to form rainfall may be madetrise (3mks)
(ii) With the aid of a well –labelled diagram, describe how relief rainfall is formed (6mks)
(d) Form 4 students of Rabwao secondary school is planning to conduct a field study in a weather station near their school.
(i) State **three** ways in which they will prepare for the study (3mks)
(ii) Describe how they would use a rain gauge to collect their data(4mks)

8. (a) What is the different between mass wasting and weathering (2mks)
(b) (i) Apart from soil creep, name two other processes of slow mass movement (2mks)
(ii) Explain **three** causes of soil creep (6mks)
(iii) Explain **three** physical conditions that influence landslides (3mks)
(c) Describe the following processes of mass wasting
(i) Rock fall (2mks)
(ii) Subsidence (2mks)
(iii) Mud flows 2mks
(d) Explain the effect of weathering in the following
(i) Tourism (2mks)

(ii) Agriculture (2mks)

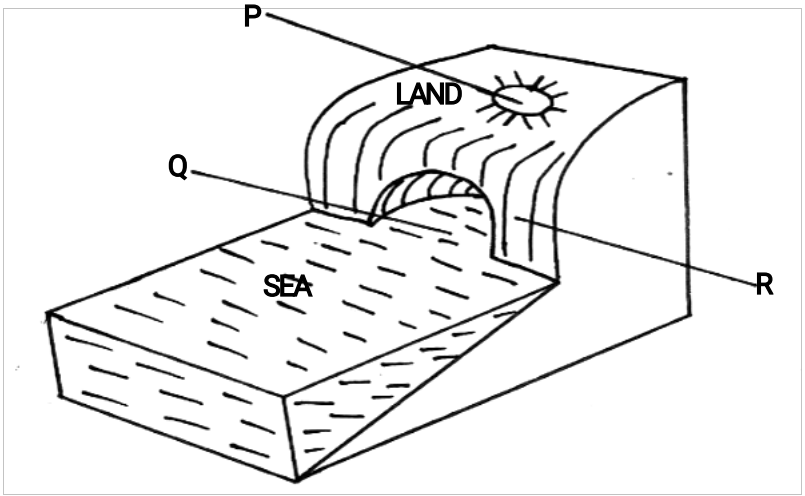
(iii) Pottery (2mks)

9. (a) (i) What are tides? (2mks)

(ii) Give **four** causes of ocean currents (4mks)

(b) State **four** factors that influence the development of coasts (4mks)

(c) The diagram below represents some coastal features. Use it to answer the questions below



(i) Name the features marked **Q** and **R** (2mks)

(ii) Describe how the feature marked **P** is formed (5mks)

(d) Explain four ways in which coastal landforms is significant to the economy of Kenya (8mks)

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

(ii) Name **two** mountains in E. Africa where glaciers are found (2mks)

(b) (i) Describe plucking as a process in glacial erosion (4mks)

(ii) State **three** factors that influence glacial erosion (3mks)

(c) Describe how the following features are formed

(i) Pyramidal peak (4mks)

(ii) Hanging valley (4mks)

(d) Explain **three** negative effects of glaciations (6mks)

SACHO HIGH SCHOOL TRIAL AND PRACTICE EXAM 2019

Paper 2

FOR MARKING SCHEMES INBOX MR CHEPKWONY PN 0724351706

SECTION A

Answer all the questions in this section

1. (a) Name **two** oil producing counties in the middle east (2mks)
   (b) State **three** ways in which mining has contributed to the economy of Kenya. (3mks)
2. (a) State **three** human requirements that are necessary for the growing of coffee in Kenya. (3mks)
   (b) State **three** methods used to reclaim land in Kenya.
3. (a) Distinguish between land reclamation and land rehabilitation. (2mks)
   (b) State **three** methods used to reclaim land in Kenya.
4. (a) Give **two** sources of population data. (2mks)
   (b) State **three** factors that contributes to rapid population growth in Kenya. (3mks)
5. (a) State any **two** benefits of Kenya air links with the rest of the world. (2mks)
   (b) State **three** disadvantage of using pipelines as means of transporting oil. (3mks)

Section B: (75marks)

Answer question 6 and any other two questions from this section

6. The table below shows Argentina Beef exports (metric tons) in the year zoo.

Destination	Quantity in tonnes
Chile	42,500
European Union	22,600
Brazil	20,300
Others	15,400

   (a) (i) Draw a divide rectangle measuring 15cm by 3cm, draw a divided rectangle to represent the beef exports in the year 2000. (8mks)
   (ii) Calculate the range of the above data. (2mks)
   (iii) What is the percentage of the Beef export with the highest tonnage? (2mks)
   (b) State **two** disadvantages of using a divided rectangle (2mks)
   (c) Name **three** breeds of beef cattle reared in Kenya. (3mks)
   (d) Explain **four** physical factors favouring beef farming in Argentina. (8mks)
7. (a) Apart from the North- West pacific ,name **three** other major fishing grounds of the world (3mks)
   (b) Explain **four** factors fishing in the North – west pacific fishing grounds. (3mks)
   (c) Describe the following methods of fishing
   (i) Trawling (4mks)
   (ii) Drifting (4mks)
   (d) Give **three** differences between fishing in Kenya and Japan. (6mks)
8. (a) (i) Differentiate between Bilateral trade and Multilateral trade. (4mks)
   (ii) Explain **three** factors that influence trade. (6mks)
   (b) (i) name **three** major exports of Kenya. (3mks)

FOR MARKING SCHEMES INBOX MR CHEPKWONY PN 0724351706

(ii) Name **three** major imports of Kenya. (3mks)

(c) (i) What are trading blocks? (2mks)

(ii) Apart from SADC, name **three** examples of trading blocks in Africa.

(d) Explain the role played by SADC in the economics of its member states. (4mks)

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

(ii) Give **two** ways of conserving forests. (2mks)

(b) Explain how the following factors influence the distribution and types of natural forests.

(i) Temperature (2mks)

(ii) Wind (2mks)

(iii) Altitude (2mks)

(iv) Soils (2mks)

(c) Describe characteristics of soft wood forest in Kenya. (5mks)

(d) Explain **three** significance of forests to Kenya. (6mks)

10 (a) Define the following terms;

(i) Wildlife (1mk)

(ii) Eco-tourism (1mk)

(b) Give **five** reasons why it's necessary to conserve wildlife. (5mks)

(c) (i) Name **two** coastal tourist attractions in Kenya. (2mks)

(ii) Explain **three** benefits that Kenya gets from tourism. (6mks)

(d) State **four** reasons for encouraging domestic tourism in Kenya. (4mks)

STRATHMORE SCHOOL TRIAL AND PRACTICE EXAM 2019

312/1

GEOGRAPHY

PAPER 1

SECTION A (25MKS)

ANSWER ALL QUESTIONS.

1. (a) What is practical Geography. (1mk)

(b) Explain briefly the centrality of Geography. (2mks)

(c) Differentiate between a planet and a comet. (2mks)

2. (a) Using a well labeled diagram outline the formation of a rift valley by **tension theory**. (5mks)

3. (a) What is climate change? (1mk)

(b) State two natural courses of climate change. (2mks)

(c) Outline two characteristics of the **Inter Tropical Convergence Zone**. (2mks)

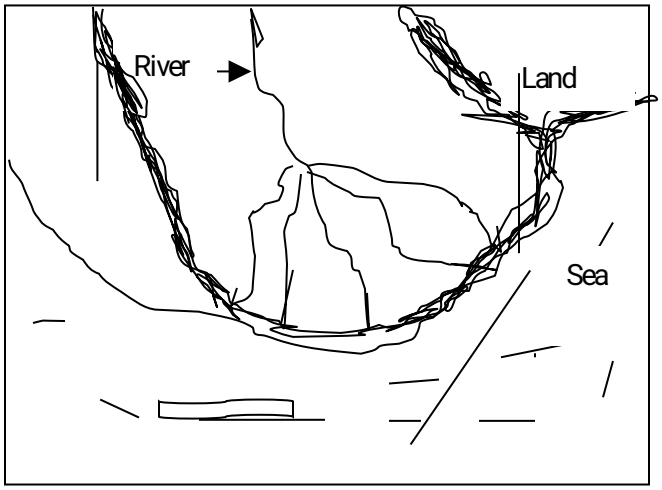
4. (a) Define a Catchment area. (1mk).

(b) List two stages of hydrological cycle. (2mks).

FOR MARKING SCHEMES INBOX MR CHEPKWONY PN 0724351706

(c) Name two importance of water vapour in the atmosphere. (2mks).

5. (a). Study the diagram below and answer the questions that follow.



(a) Give the specific name of the feature above. (1mk)
(b) List two factors necessary for the above feature to be formed. (2mks)
(c). Differentiate between Effluent rivers and Influent rivers. (2mks)

SECTION B

Answers question six (6) and any other two (2) questions from this section.

6. Study the map of karatina, 1:50000 sheet (121/3) provided and answer the following questions.

(a). i) Identify one human activity found at grid square 9252 (1mk)
ii) Give six figure grid reference of Chieni settlements (1mk).
iii) Measure the distance of the dry weather road(T3851)from grid square 940519 to grid square 934554. Give your answer in Kilometers.(2mks).

(b). i) Using a scale of 1cm to represent 20metres, draw a cross section from grid reference 860500 to grid reference 890460 4mks).
ii) On the cross section mark and name the following. (2mks)
- River Hahwe.
- Gatitu cattle dip.

iii) Calculate the vertical exaggeration (VE) of the cross section. (2mks)

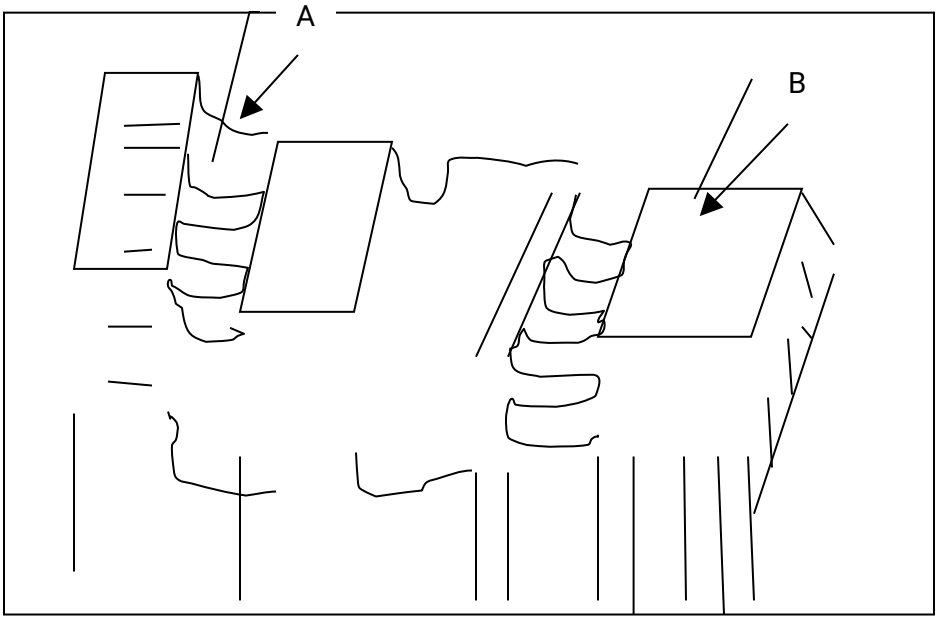
(c) (i) Describe the drainage of the area covered by the map (3mks)
(ii) What is the magnetic bearing of Kabiruini cattle dip at grid square 8756 from Ndunduini School at grid squire 8659 in the year 2014. (4mks)
iii) Identify the type of settlement pattern between grid square 9050 and grid square 9148. (1mk)

(d) (i) Give the latitudinal extent of the area covered by the map. (2mks)
ii) Identify two types of scales on the map (2mks)
iii) What type of map is Karatina sheet? (1mk)

7. (a). i). Distinguish between **Underground water** and **Magmatic water.** (3mks)
ii). List three factors that influence the occurrence of underground water. (3mks)
iii). Identify two (2) sources of underground water. (2mks)

FOR MARKING SCHEMES INBOX MR CHEPKWONY PN 0724351706

(b) Study the diagram below and answer the questions that follow.



i) Name the features labeled A and B. (2mks)

ii) List two factors that influence the formation of the above features. (2mks)

iii) Briefly describe how feature A is formed. (3mks).

(c). Students of Subukia Secondary Schools made a field study of underground features in Karst Scenery.

(i). Suggest a suitable title for their study. (2mks)

(ii). Apart from ***Karst bridge, Karst windows, Stalagmites*** and s***talactites***, name other Two features they may have come across. (2mks)

(iii). List two characteristics of the Karst scenery they identified. (2mks)

(d). Discuss two significance of resultant features in limestone areas to human activities. (4mks)

8. (a). i) Differentiate between an ocean and a sea. 2mks)

ii) Identify two forms in which oceanic water moves horizontally. (2mks)

iii) List two types of tides. (2mks)

(b). i) Identify **One** factor that influence the development of coasts. (1mk)

ii) Draw a well labeled feature of a **cuspate foreland.** (3mks)

iii) Explain how the feature is formed. (2mks)

(c).(i) Briefly distinguish between **Submerged Coasts** and **Emerged Coasts**. (4mks)

(ii) Discus **Darwin's** theory on the origin of Barrier reefs. (4mks)

(d).(i) What is a wave? (1mk)

ii) Explain two types of waves responsible for sculpturing the coastal features. (4mks)

9. a) i) Define desertification. (1mks)

ii) State two types of hot deserts. (2mks)

iii) Explain three ways in which wind erodes in the desert. (6mks)

b) With well labeled diagrams describe how the following desert features are formed.

i) Rock pedestal (5mks)

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ii) Mushroom block (5mks)

c) Explain three importance of desert features to man. (6mks)

10. (a) Name three man-made lakes in Kenya. (3marks)

(b) Explain why some Rift Valley lakes in Kenya are salty. (6marks)

(c) Describe how the following types of lakes are formed.

(i) Crater lakes. (4marks)

(ii) Ox-bow lakes. (4marks)

d) Explain four advantages of lakes to human activities. (8marks)

STRATHMORE SCHOOL KCSE TRIAL AND PRACTICE EXAM 2019

Paper 2

SECTION A : (25MKS)

Answer all questions in this section

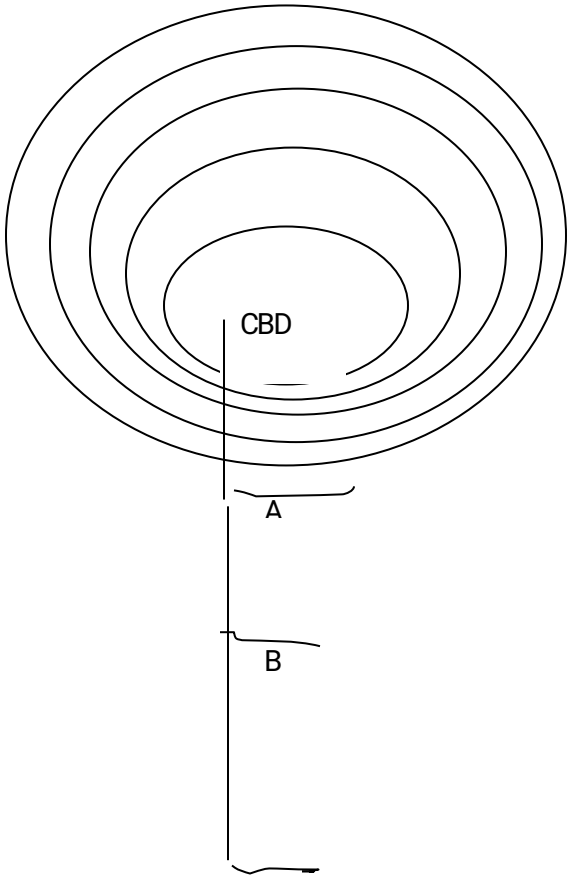
1. (a) Identify **one** port along the Great lakes and the St. Lawrence Seaway. (1mk)

(b) Explain **two** disadvantages of air transport. (4mks)

2 a) Define settlement. (1mk)

b) State two factors that influence dispersed patterns of settlements (2mks)

c) The diagram below represents the functional zones of an urban center. Use it to answer the questions that follow.



i) Name the zone marked B (1mk)

ii) Give one characteristic of the zone marked A (1mk)

3. (a) What is industrialization? (1mk).
   (b).Identify two ways in which industries are classified. (2mks)
   (c) Give two ways in which the Government of Kenya encourages cottage industries. (2mks)
4. (a) Define the term pollution. (1mk).
   (b) Distinguish between Environmental management and Environmental conservation. (2mks)
   (c) State two reasons why it is necessary to manage and conserve the environment. (2mks)
5. (a) Define Forestry. (1mk).
   (b) List two characteristics of Natural forests. (2mks)
   (c) Identify two factors that influence forest exploitation in Canada. (2mks)

SECTION B

Answers question six (6) and any other two questions from this section.

6. The table below shows the number of K.S.C.E Registered students in Nakuru Schools for five subjects from 2009 to 2013. Use the data to answer the questions that follow.

Subject/Year.	2009	2010	2011	2012	2013
Biology.	400	450	700	690	650
Chemistry.	600	901	800	700	680
Geography.	200	250	415	500	633
History.	315	400	620	580	645
Physics.	49	50	54	190	400

(a). Using a scale of 1cm to represent 200 students, construct a cumulative bar graph to represent the data above. (10mks)

(b) Calculate the percentage increase of Geography registration from 2012 to 2013. (2mks)

(c) Name two other statistical methods that can be used to represent the data above. (2mks)

(d) Give two suitabilities for using cumulative bar graph to represent data. (2mks)

(e) Discuss the trend of the students who registered for Biology from 2009 to 2013 (3mks)

(f) What was the difference in the percentage registration of the Chemistry students and History students in 2013. (2mks)

(g) Explain the following nature of statistical data
   i). Discrete data. (2mks)
   ii). Continuous data. (2mks)

7. a. i) Identify three categories of fishing. (3mks)
   ii). Name three methods used to preserve fish. (3mks)
   b) Describe the trawling method of fishing (4mks)
   c) Explain how the following factors influencing fishing)
   i) Ocean current (2mks)
   ii) Nature of the coastline (3mks)
   iii). Level of technology (2mks)

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d). i) Identify two measures used to conserve fish in Kenya. (2mks)
ii). Discuss two problems facing fishing in Japan (4mks)
iii) Highlight two importances of fish. (2mks)

8. a i) Differentiate between land reclamation and land rehabilitation. (2mks)
ii). Explain four methods of land reclamation and rehabilitation, in Kenya. (8mks)
b i) Identify three factors that influenced the location of Perkerra irrigation scheme. (3mks)
ii)State five problems experienced in irrigation farming in Kenya. (5mks)
c i). Give three difference of land reclamation in Kenya and Netherland. (3mks)

ii). State four benefits of the Zuider zee project in Netherlands. (4mks)

9. a) Define the following terms.
i) Tourism. (1mk
ii) Wildlife. (1mk)
b) i) Explain wildlife human conflict. (2mks)
ii) Discus how poaching affects tourism and wildlife (3mks)
c i) E xplain four significance of wildlife to Kenya (8mk)
ii) Name two game reserves in Kenya. (2mks)
d) Identify and explain four problems associated with tourism in Kenya. (8mks

10. (a) i) Name **three** areas in Kenya where dairy farming is practiced (3marks)
(ii) State **four** similarities between dairy farming in Kenya and Denmark (4marks)
(b) Explain **four** factors favoring beef farming in Argentina. (8marks)
(c) List **any six** problems facing beef farming in Kenya 6marks)
(d) Give **four** benefits of beef farming in Argentina (4marks)

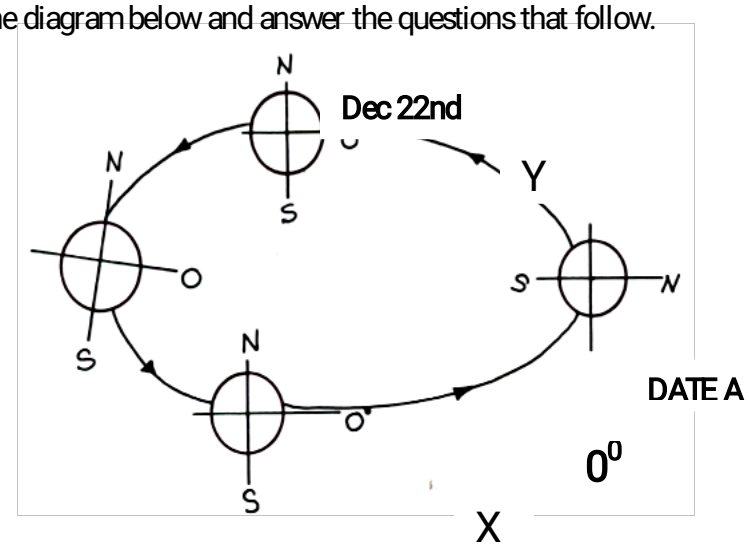
ALLIANCE GIRLS HIGH SCHOOL KCSE TRIAL AND PRACTICE EXAM 2019

312/1
Geography
Paper 1

SECTION A
Answer all questions in this section

1. a) Differentiate between rotation and revolution of the Earth. (2mks)

b) Study the diagram below and answer the questions that follow.



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June 21st

i. Identify the seasons marked X. (1mk)

ii. The date marked A. (1mk)

iii. Give one characteristic of summer solstice. 1mk)

2. a) Describe how a maximum thermometer works. (3mks)

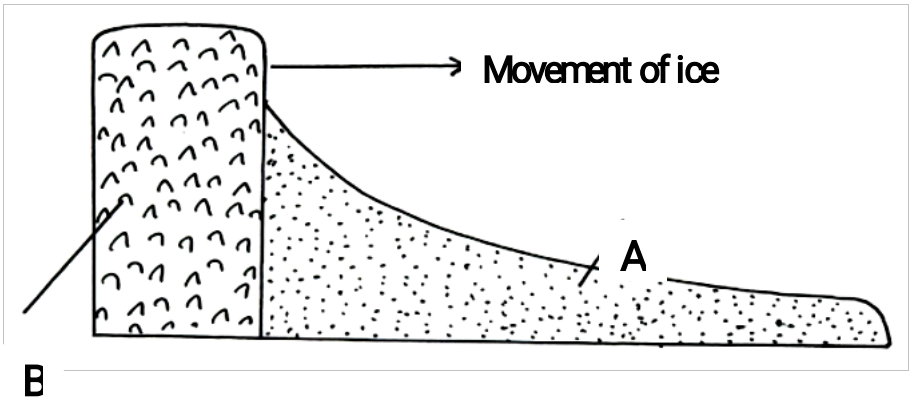
b) State reasons why Stevenson's screen is; (2mks)

i. Painted white

ii. Has louver

3. a) State three conditions which leads to glacial deposition in Lowlands. (3mks)

b) Study the diagram below of glacial erosion in Lowlands and answer the questions that follow.



Name the parts marked ; (2mks)

A

B

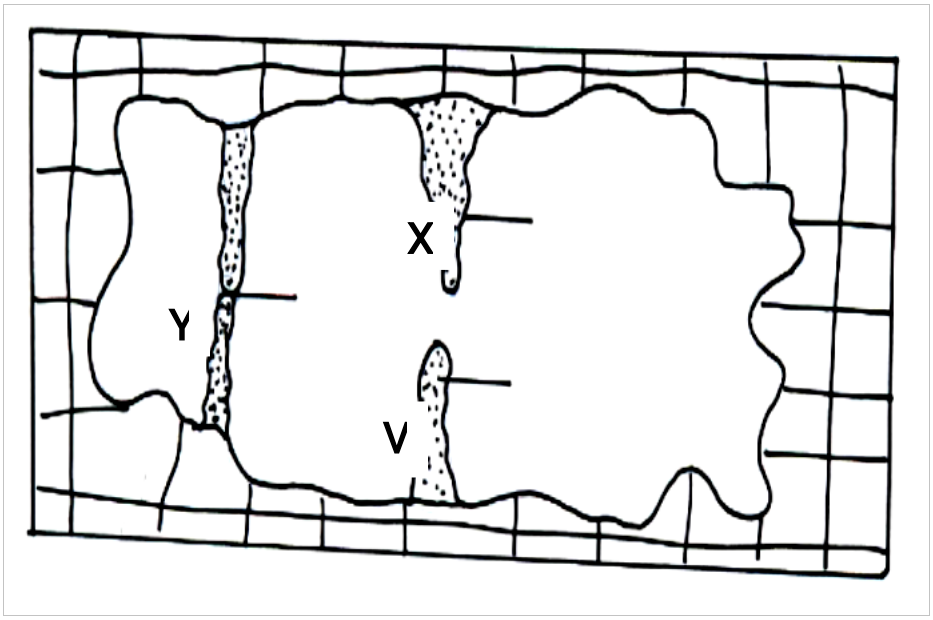
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a) Name two feature that result from river erosion. (2mks)

b) State three factors influencing the rate of erosion. (3mks)

4. The diagram below represents underground feature in a limestone area.

Use it to answer question (a)



a) Name the features marked ;

X

Y

b) Describe how the feature marked V is formed. (3mks)

SECTION B

Answer question 6 and any other two questions

5. Study the map of Karatina 1:50,000(sheet 121/3) provided and answer the following Questions.

a) i) What was the magnetic declination of the map as at January 1992. (1mk)

ii) Give the Latitudinal and Longitudinal extent of the mapped area. (2mks)

b) i) A part from contours, name one other method used to show relief in the mapped

FOR MARKING SCHEMES INBOX MR CHEPKWONY PN 0724351706

area. (1mk)

ii) Calculate the area of Mt. Kenya forest reserve within Kirinyaga District shown in the map. Give your answer in square kilometers. (2mks)

c) i) A part from houses, Name two human made features in grid square 8755. (2mks)

ii) Assume that four people lived in each house in the grid square 8755. Calculate the population density. (3mks)

d) Describe the flow of River Sagana . (3mks)

e) i) Using evidence from the map, identify two farming activities taking place in the mapped area. (2mks)

ii) Explain three factors which have influenced any one of the farming activities identified in e (i) above. (6mks)

f) Briefly explain how the following factors have influenced the distribution of Settlement in the mapped area.

i. Forest Reserve (2mks)

ii. Rivers (2mks)

6. a) i) What is the difference between plutonic and volcanic rocks. (2mks)

ii) Give two examples of plutonic rocks. (2mks)

b i) Describe the following characteristics of minerals.

i. Lusture (2mks)

ii. Colour (2mks)

iii. Hardness (2mks)

c) Explain three ways in which sedimentary rocks are significant to the Kenyan Economy. (6mks

d) Form four students of Kwale school intend to carry out a field study on rocks within Seme in Kisumu County

i. Give the major rock type are likely to study. (1mk)

ii. Give three secondary sources of information they would use to prepare for the field study. (3mks)

iii. State why they would need the following

- Hammer (1mk)

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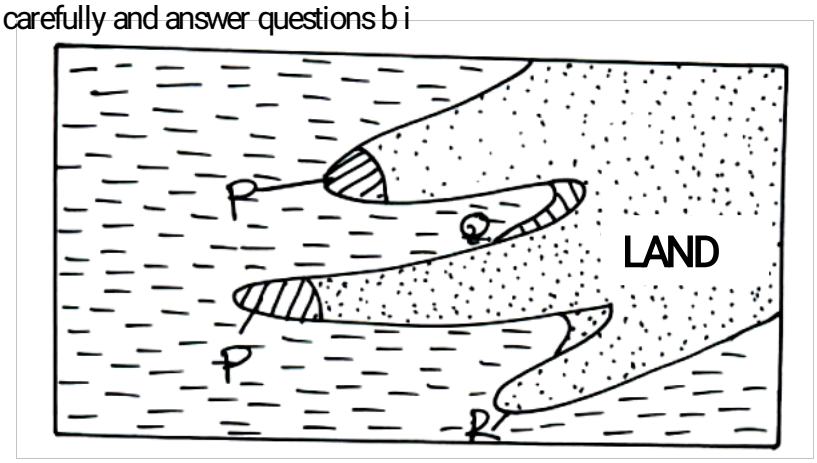
- Route map (1mk)
- Working schedule (1mk)

7. a) i) What is a coast? (2mks)

ii) Distinguish between a coast line and shore line. (2mks)

b) The sketch diagram below represents a coastal Landscape.

Study it carefully and answer questions b i



i) Name the factors labeled PQR (3mks)

P

Q

R

ii) Describe how blow holes and geos are formed

- Blow hole (3mks)
- Geos (2mks)

c) i) Name the features that result from the process of Long shore drift. (3mks)

ii) With the aid of a sketch diagram, explain the process of Long shore drift. (3mks)

d) Students of Mwatate School conductes a field study on coastal emergence Along the coast of Kenya.

i. State **two** objectives of their study (2mks)
ii. List **three** major evidences they identified to prove that the coast of Kenya is partly as a result of coastal emergence they observed. (3mks)

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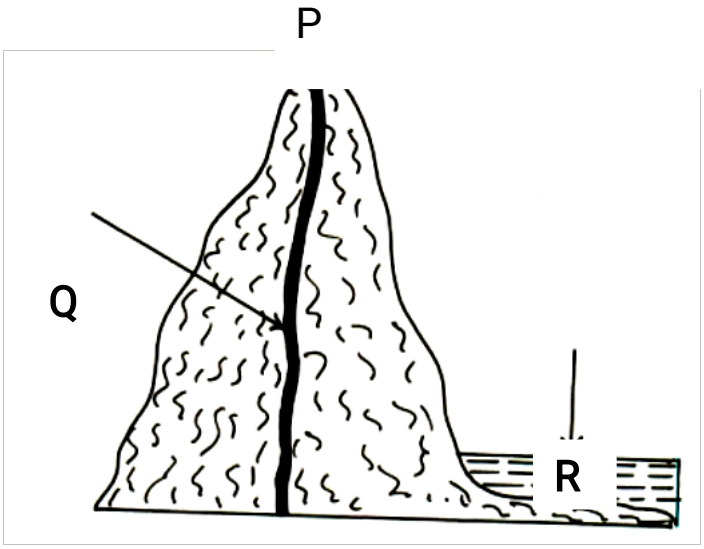
iii. Give three methods they used to record data. (3mks)

iv.

8. a) i) Name two district types of glacier. (2mks)

ii) State four factors that influence the rate of glacial erosion. (4mks)

b) i)Use the diagram below to answer the following questions



P (1mk)

Q (1mk)

R (1mk)

b) ii) Explain the formation of the part marked Q. (3mks)

c) i) Explain four significance of a glaciated Landscape to human activities. (8mks)

d) Students in a school in Homabay County carried out a field study on Mt. Kenya.

i) State 2 objectives for their study. (2mks)

ii) List three methods they would use to record data during the field study. (3mks)

9. a) i) Define the term soil. (2mks)

10.

ii) Give 2 factors that determine soil leaching. (2mks)

b) i) List two components of soil. (2mks)

ii) Name three processes involved in soil formation. (3mks)

c) i) Why is humus important in soil? State four significances. (4mks)

ii) Differentiate between soil profile and soil cateria. (2mks)

d) Your class members intend to conduct a field study on an area under the effect of soil erosion within their district.

i) Name two types of soil erosion they are likely to identify during the study.

(2mks)

ii) State the use of the following tools and equipments during their study.

-A hoe (2mks)

-Polythene bag (2mks)

ALLIANCE GIRLS HIGH SCHOOL KCSE TRIAL AND PRACTICE EXAM 2019

Paper 2

FOR MARKING SCHEMES INBOX MR CHEPKWONY PN 0724351706

SECTION A

1. a) Give three social factors that influence Agriculture (3mks)

b) Name two provinces in Canada where wheat is grown in large scale. (2mks)

2. a) Name two types of mineral fuel. (2mks)

b) Identify three ways in which minerals occur. (3mks)

3. a) State three reasons why setting up of small scale industries is encouraged in Kenya. (3mks)

b) Give three reasons that have led to Industrial growth in Japan. (3mks)

4. a) Define the term domestic tourism. (2mks)

b) Give three conditions that favour wildlife in Kenya. (3mks

5. a) Mention two sources of energy which is not fully developed in Kenya. (2mks)

b) Identify three ways in which energy is important in the production process in industries. (3mks)

SECTION B

6. Use the photograph below to answer question a(i), (ii), (iii)



a) i) Which type of photograph is shown above . (1mk)

ii) Identify 3 provinces where the photograph could have been taken. (3mks)

iii) Draw a rectangle measuring 14cm by 8cm to represent the area of the photograph. On it sketch and label the main features shown on the photograph. (5mks)

b) State four physical conditions necessary for the growing of sugarcane in the area Covered by the photograph. (4mks)

c) Describe the commercial production of sugarcane from preparation to harvesting.

d) Explain four problems facing sugarcane farmers in Kenya. (8mks)

7. a) Differentiate forestry and afforestation. (4mks)

b) i) Give three soft woods trees which grow in the forest reserves of Canada. (3mks)

ii) State four characteristics of planted forests in Kenya. (4mks)

FOR MARKING SCHEMES INBOX MR CHEPKWONY PN 0724351706

c) Compare forestry in Kenya and Canada under the following sub – topics

- Growth (2mks)
- Harvesting (2mks)
- Marketing (2mks)

d) State four measures taken by the Kenyan government to conserve forest. (4mks)

e) The students of Mawego mixed secondary school are planning to carry out a field study on forestry in wire forest in Homabay County.

i) State two objectives for their study. (2mks)

ii) Formulate two hypothesis for their study. (2mks)

8. a) Differentiate fishing and fisheries. (2mks)

b) Explain three human factors which have favoured large scale fishing in the North East Atlantic fishing ground. (6mks)

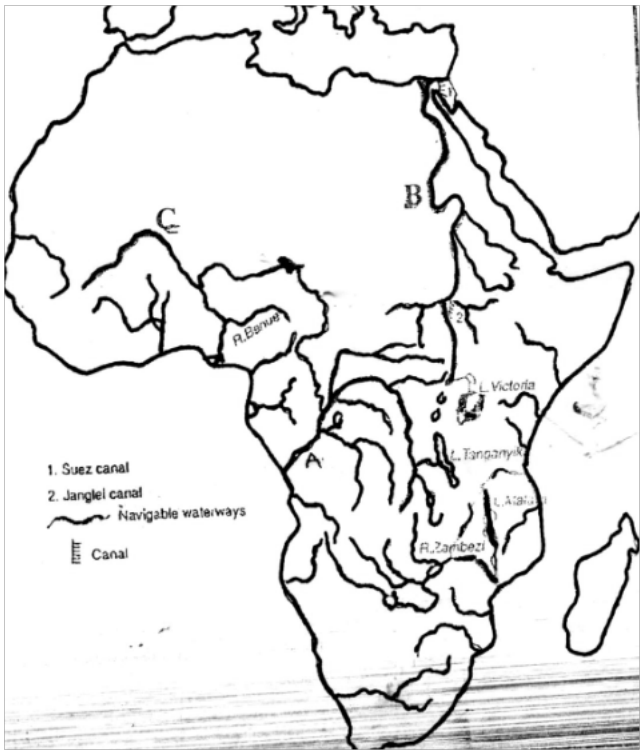
c) Describe long –lining as a method of commercial fishing. (4mks)

d) i) Differentiate marine fisheries from fresh water fisheries. (2mks)

ii) Explain four problems facing marine fishing in East Africa. (8mks)

e) give three reasons why the Kenya Government is keen on promoting the conservation of fish as a resource. (3mks)

9. a) Below is a map of Africa which shows the distribution of navigable rivers. Use it it to answer questions 9a and 9b



a) Name the rivers labeled A,B and C (3mks)

b) Explain four reasons why most Rivers in Africa are not fully navigable. (8mks)

c) Explain three benefits which African countries stand to realize from the increased construction of International Airports.

d) State two advantages of the transportation of oil by pipeline. (2mks)

e) i) Make three suggestions by which accidents caused by motor bike riders can be be reduced in Kenya. (3mks)

ii) State three reasons why containers are suitable in the transportation of

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cargo over long distances. (3mks)

10. a) i) Define the term Land Reclamation.
ii) State four benefits of delta plan projects. (4mks)
b) i) A part from irrigation name three other ways land can be reclaimed.
ii) State four advantages of irrigation over natural water suppliers. (4mks)
c) Identify five ways in which food security policy can be achieved in Kenya.
d) i) Give three methods used in the control of tsetse fly in Kenya.
ii) State four problems faced in the control of tsetse fly in Kenya. (4mks)

FRIENDS SCHOOL KAMUSINGA TRIAL AND PRACTICE EXAM

312/1
GEOGRAPHY
PAPER 1

SECTION A
Answer all questions in this section

1. (a) Differentiate between vent eruption and fissure eruption(2mks)
(b) Name **three** intrusive volcanic features (3mks)
2. (a) What is a longitude? (2mks)
(b) What is the longitude of station **X** when it is 8.00am while in Nairobi at longitude 37°E the time is 12.00 noon? (3mks)
3. (a) State **three** causes of earth movements (3mks)
(b) Name **two** main earthquake zones in the world (2mks)
4. (a) State **three** conditions necessary for the development of a karst scenery (3mks)
(b) Give **two** reasons why there are a few settlements in karst landscape (2mks)
5. (a) Name **three** types of coral reefs (3mks)
(b) What are the benefits of coral reefs in the areas they have developed? (2mks)

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

6. Study the map of Karatina sheet 121/3, scale 1:50,000 provided and answer the following questions
(a) (i) What was the magnetic declination of the map as at January 1992?(1mk)
(ii) Give the latitudinal and longitudinal extent of the mapped area. (2mks)
(b) (i) Apart from contours, name **one** other method used to show relief in them appedarea (1mk)
(ii) Calculate the area of Mt. Kenya forest reserve within Kirinyaga District shown in the map. Give your answer in square kilometers (2mks)
(c) (i) Apart from the houses, name two human made features in grid square 8755 (2mks)
(ii) Assume that four people live in each house in the grid square 8755, calculate population density (2mks)
(d) Describe the flow of river Sagana (3mks)
(e) (i) Using evidence from the map, identify **two** farming activities taking place in

the mapped area (2mks)

(ii) Explain **three** factors which have influenced any one of the farming activities identified in (e) (i) above (6mks)

(f) Briefly explain how the following factors have influenced the distribution of settlements in the mapped area

(i) Forest Reserve (2mks)

(ii) Rivers (2mks)

7. (a)(i) Name **two** components of soil (2mks)

(ii) Give **two** ways in which soils are formed (2mks)

(b) Explain how the following factors influence soil formation

(i) Climate (4mks)

(ii) Relief (2mks)

(c) (i) Other than soil erosion, state **two** other ways in which soils may be degenerated (2mks)

(ii) Briefly explain **two** effects of soil erosion to human activities (4mks)

(d) Draw a well labeled diagram of the soil catena (3mks)

(e) Your class members intend to conduct a field study on an area under the effect of soil erosion within their district

(i) Name **two** types of soil erosion they are likely to identify during the study (2mks)

(ii) State **four** soil conservation measures you are likely to recommend to the residents of study area (4mks)

8. (a) (i) Differentiate between a drainage basin and watershed (2mks)

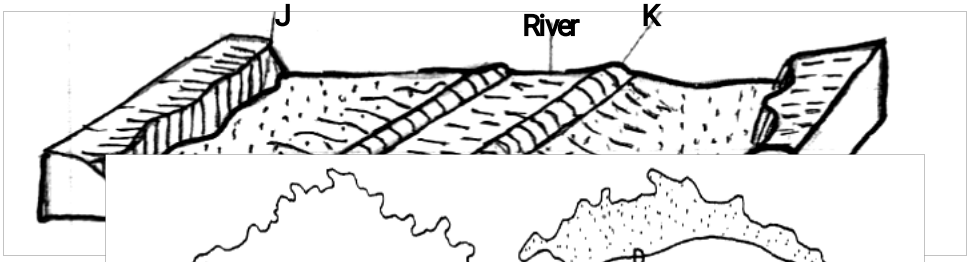
(ii) Identify **two** types of river erosion (2mks)

(b) Describe **two** processes through which a river transports its load (4mks)

(c) (i) Explain **two** causes of river rejuvenation (4mks)

(ii) Describe how an ox-bow lake is formed (5mks)

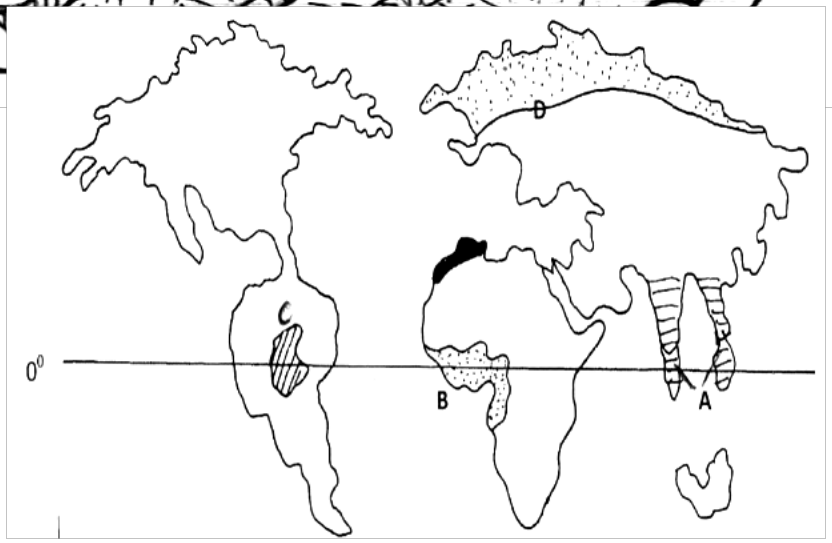
(d) (i) The diagram given shows a flood plain



Name the features marked **J** and **K** (2mks)

(ii) Explain **three** positive effects of floodplains to human activities (6mks)

9. The diagram below shows the world distribution of climate types. Use it to answer questions (a)(i) and (ii)



Months	Jan	Feb	March	Apr	May	June	Jul	Aug	Sept	Oct	Nov	Dec
Temperature (°C)	28	28	27	26	23	21	21	21	23	26	26	27
Rainfall	277	213	256	107	56	33	31	28	20	132	135	234

(a) (i) Name the climatic regions marked **A**, **B** and **D** (4mks)

(ii) State any **four** characteristics of the climate marked **C** (4mks)

(b) (i) Identify any **three** types of cold climates (3mks)

(ii) Briefly explain micro climate (2mks)

(c) (i) What is climate change? 2mks)

(ii) Study the table and use it to answer questions (a),(b) and (c)

(a) Calculate the mean annual temperature for the station (2mks)

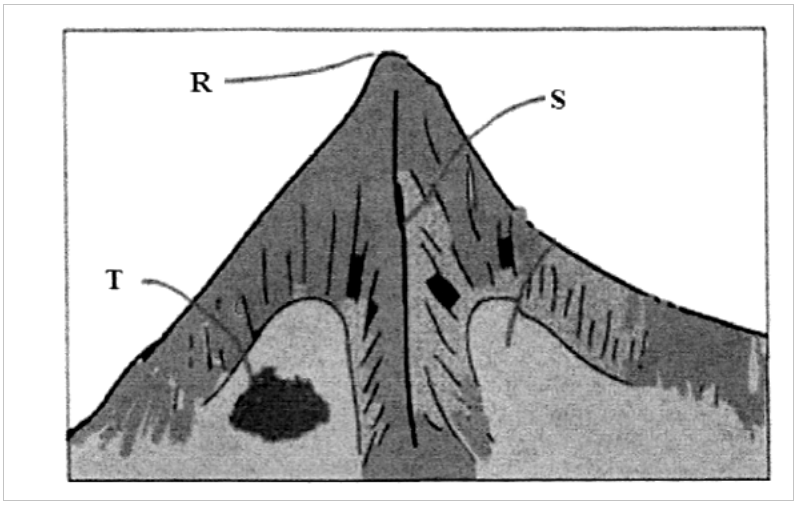
(b) What is the mean annual rainfall (2mks)

(c) State any **one** characteristics of the type of climate in the station (1mk)

(d) (i) Explain any **two** causes of global warming (4mks)

(ii) Name any **one** greenhouse gases (1mk)

10. (a) The diagram below shows a glaciated upland area. Study it and answer the questions that follow.



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(i) Name the features marked **R,S** and **T** (3mks)

(ii) Describe **two** distinctive characteristics of a fiord (2mks)

(b) With the aid of a well labeled diagram, describe how the following features are formed

(i) Cirque (6mks)

(ii) Hanging Valley (4mks)

(c) Explain **two** factors that may influence glacial erosion in uplands (4mks)

(d) Your class intends to carry out a field study on glaciated lowland

(i) Name **one** type of moraine you are likely to identify during the study (1mk)

(ii) Give **two** reasons why you would need the map of the area (2mks)

(iii) State **three** importance of glacial features you are likely to identify (3mks

FRIENDS SCHOOL KAMUSINGA KCSE TRIAL AND PRACTICE EXAM 2019

Paper 2

1. (a) Define the term game sanctuary (2mks)

   (b) List any **three** significance of wildlife in Kenya (3mks)

2. (a) Name **two** middle East countries which produce large quantities of petroleum `(2mks)

   (b) State **three** problems facing petroleum exploitation in middle East countries(3mks)

3. (a) What is energy crisis? (2mks)

   (b) State **three** benefits of rural electrification in Kenya (3mks)

4. (a) Differentiate between forests and forestry (2mks)

   (b) Give any **three** characteristics of softwood forests in Canada (3mks)

5. Study the table below of coffee production in Kenya and answer question (a) and (b)

   Production in'000 tonnes of coffee in Kenya

	1999	2000	2001	2002	2003
Co-operative	39.4	62.2	25.0	28.8	34.0
Estates	28.7	38.5	26.9	23.1	21.4
Total	68.1	100.7	51.9	51.9	55.4

Source: Economic survey of Kenya 2004

(a) State **three** physical factors favouring coffee growing in Kenya (3mks)

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(b) List any **two** role of coffee in the economies of Kenya and Brazil (2mks)

SECTION B

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

6. The photograph below shows an activity in Kenya. Use it to answer question (a) and (b)



(a) (i) Identify the type of photograph shown above (1mk)

(ii) State any **two** evidence in the photograph supporting a(i) above (2mks)

(iii) Draw a rectangle measuring 15cm by 10cm to represent the area covered by the photograph. On it sketch and label four main features shown on the photograph (6mks)

(b) (i) Identify **two** features from the photograph that shows the area is dry (2mks)

(ii) Name **two** counties in Kenya where the photograph might have been taken (2mks)

(c) (i) Explain **four** problems facing pastrolism in Kenya (8mks)

(d) You intent to carry out a field study in the area shown by the photograph

(i) State **two** problems you are likely to encounter (2mks)

(ii) List any **two** follow-up activities you would carry out after the field study (2mks)

7. (a) Define the following terms

(i) Tariff (1mk)

(ii) Quota (1mk)

(iii) Balance of payment (1mk)

(iv) Incentives (1mk)

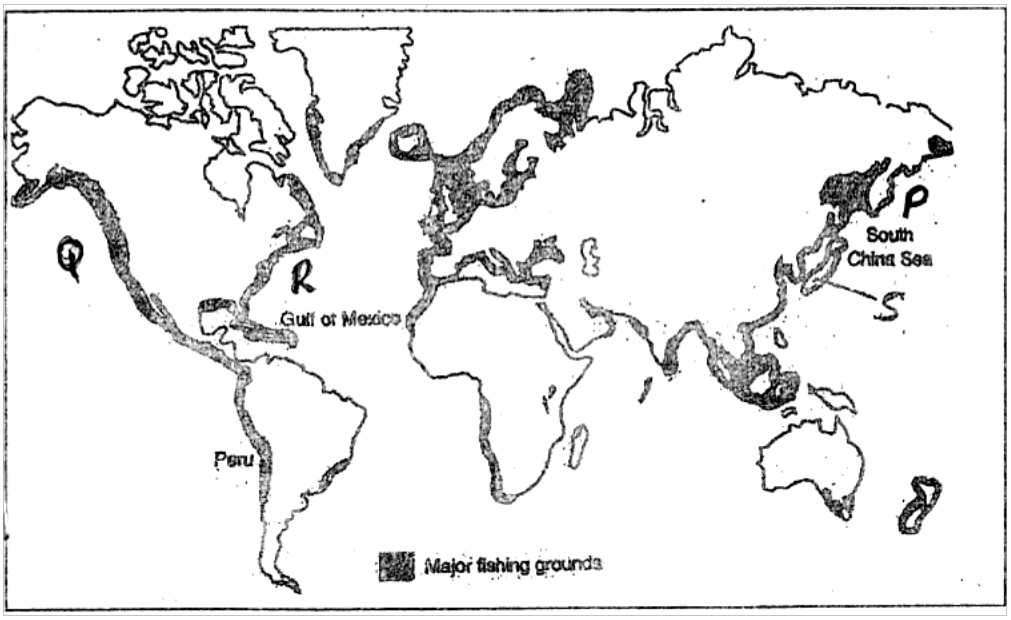
(b) Explain **four** factors that hinders trade between Kenya and her neighbor (8mks)

(c) State any **five** problems developing countries face in International trade(8mks)

(d) Explain **four** measures Kenya has taken to reduce her unfavourable balance of trade (8mks)

8. The map below shows the major fishing grounds in the world. Use it to answer the question (9)

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(a) (i) Name the fishing grounds marked **P**, **Q** and **R** (3mks)

(ii) Explain **four** conditions that favour fishing in country marked S (8mks)

(b) (i) Differentiate the term Polagre and Dermorsal fish (2mks)

(ii) Describe long-lining as a method of commercial fishing (4mks)

(c) (I) State **two** methods used to preserve fish (2mks)

(ii) Explain **three** problems facing Marine fishing in East Africa (6mks)

9. (a) Define the following

(i) Environmental management (2mks)

(ii) Environmental Conservation (2mks)

(b) Give **five** reasons why it is necessary to manage and conserve the environment (5mks)

(c) A part from irrigation explain five measures taken to control floods in Kenya (10mks)

(d) Suppose some student carried a field study

(i) List **two** methods you would use to collect data (2mks)

(ii) Why is it important to prepare a work schedule (4mks)

10. (a) Differentiate between land rehabilitation and reclamation (2mks)

(b) (i) Besides irrigation state five methods used to reclaim land in Kenya (5mks)

(ii) Explain **four** benefits which Kenya gets from irrigation farming (8mks)

(c) (i) Define the term Polder (2mks)

(ii) Explain **four** benefits of land reclamation in Netherlands (8mks

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GEOGRAPHY

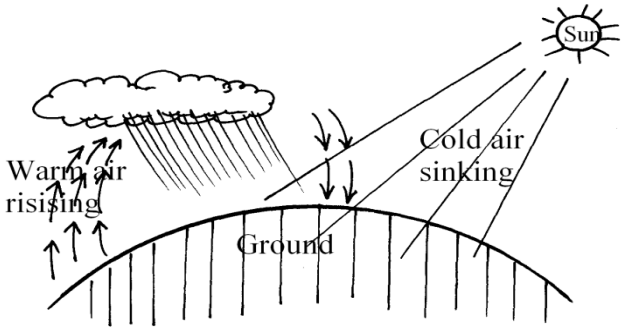
PAPER 1

FOR MARKING SCHEMES INBOX MR CHEPKWONY PN 0724351706

SECTION A

Answer all questions in this section

1. (a) List the disadvantages which are related with the following areas of study of geography.
   (i) Geomorphology (1mk)
   (ii) Biogeography. (1mk)
   (b) List **three** main areas of study of physical /geography (3mks)
2. (a) List any t**wo** main areas which make up the external art of the earth.
   (b) List any **three** discontinuities which are found in the atmosphere (3mks)
3. (a) What is plate tectonics theory? (2mks)
   (b) Nam**three**mainboundarieswhichdevelopduetothemovementofplatetectonic(3mks)
4. (a) Define the following terms of the hydrological cycle
   (i) Precipitation (1mk)
   (ii) Evaporation (1mk)
   (b) Listanythreefactorsthatinfluencetherateofevaporationfromtheearth'ssurface (3mks)
5. The diagram below show the formation of some type of rainfall .Use it to answer question(a) and (b)



   (a) (i) Name the type of rainfall shown by this diagram (1mk)
   (ii) Name the type of cloud marked (a) (1mk)
   (b) List three weather conditions associatewiththeabovename(a)typeofrainfall.(3mks)

SECTION B

Answer question 6 and any other two questions from this section

6. Study the map of Karatina 1: 50,000(Sheet 121/3)
   Provided to answer questions that follow.
   (a) (i) Identify the feature found in grid reference 967543 (1mk)

(ii) What is the distance of River Sagana found to the South Western area of the area covered by the map from the bridge in grid square 8347 to the Southern edge of the area covered by the map (Give your answer in Kilometres)

(iii) List any **two** methods that have been used to represent the relief of the area covered by the map (2mks)

(b) (i) Calculate the area covered by the part of Mt. Keya forest East of easting 99 and south of Northing 55(Give your answer in square Kilometres) (3mks)

   (ii) Name **two** district found in the area covered by the map (1mk)

(c) (i) Using a vertical scale of 1cm rep 50m draw a cross section from grid reference 810500 to 870500 (5mks)

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(ii) On the cross section drawn mark and name
-All weather roads (loose surface) (1mk)
-River Rithithi (1mk)
-Power line (1mk)
(iii) Calculate vertical exaggeration (VE) for the cross section drawn (2mks)

(d) Describe drainage in the area covered by the map (6mks)

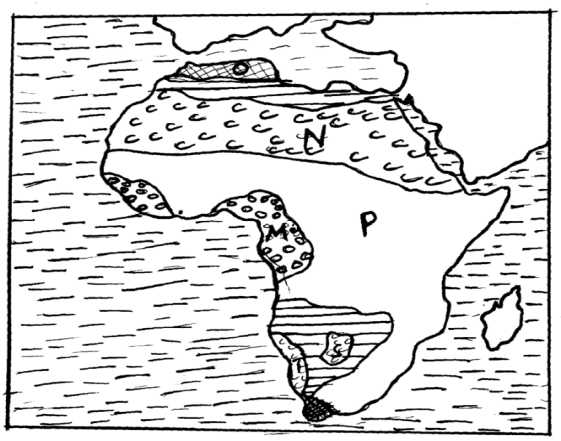
7. (a) (i) Define the term faulting (2mks)
(ii) Describe how a normal fault is formed (2mks)

(b) (i) With the aid of well –labelled diagrams explain how a rift valley is formed by tensional forces. (8mks)
(ii) A partfromtheRiftvalleynameanyotherthreefeatureformedbyfaulting(3mks)

(c) Mention any **five** effects of the process of faulting to human environment (5mks)

(d) Students from Itiero Girls High School intend to carry out a field study of a fault block near their school.
(i) List any **three** objectives for their study (3mks)
(ii) List any **two** secondary sources of information that they would use to collect data (2mks)

8.



(a) (i) Name the types of climates marked M,O and P (3mks)
(ii) Name the desert marked T and S (2mks)

(b) Describe the characteristics of the climate marked N (6mks)

(c) (i) Explain any **four** natural factors influencing garidity and Desertification (8mks)

(d) Explain any **six** effects of desert features on the human environment. (6mks)

9. (a) (i) Define the term sea. (2mks)
(ii) List any **three** features which occur in the oceans (3mks)

(b) (i) Define the term waves (2mks)
(ii) Differentiate the term swash from backwash (2mks)

(c) (i) Explain any **three** processes of wave erosion (6mks)
(ii) Explain how a tombob is formed (4mks)
(iii) Give **three** conditions necessary force formation of coral reefs (3mks)

(d) List any **three** features which develop on submerged highland coasts. (3mks)

10. (a) (i) List any **three** sources of underground water (3mks)
(ii) Differentiate pervious rocks from porous rocks (2mks)

(b) Explain **four** factors that influence the occurrence of underground water. (8mks)

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(c) (i) Mention any **three** factors necessary for the formation of karst features .(3mks)

(ii) List any **three** underground features of karst areas (3mks)

(d) Explain any **three** significance as of karst features to man. (6mks)

MOI GIRLS SCHOOL - NAIROBI KCSE TRIAL AND PRACTICE EXAM 2019

Paper 2

SECTION A

Answer all the questions in this section

1. (a) Define the term industrial inertia (2mks)

   (b) State three characteristics of cottage industry (3mks)

2. (a) Briefly describe how mineral occur in veins and lodes 2mks)

   (b) State three problems of land dereliction (3mks)

3. (a) State three physical conditions that favour large scale sugarcane growing in Kenya (3mks)

   (b) Name two areas where sugarcane is grown in large scale in Kenya. (2mks)

4. (a) Define the term transhumance (2mks)

   (b) State three characteristics of nomadic pastoralism (2mks)

5. (a) State three reasons why common market for Eastern and Southern (COMESA) was formed (3mks)

   (b) State two factors that limits trade among the countries of Eastern Africa. (2mks)

SECTION B

Answer question 6 and any other two from this section.

6. Use the table below to answer the following questions

Visitors arrival in Kenya between 1998 and 2002(in 1000)

Number of visitors

Year	1998	1999	2000	2001	2002
Purpose					
Holiday	686.9	746.9	778.2	728.8	732.6
Business	86.8	94.4	98.3	92.1	86.6
Transit	101.9	107.4	138.5	152.6	163.3
Others	18.7	20.6	21.1	20.1	19.0
Total	**894.3**	**969.3**	**1036.1**	**993.6**	**1001.5**

(a) (i) Draw a compound bar graph to represent the above data (6mks)

Use vertical scale of 1cm represents 100,000 visitors

(ii) State two disadvantages of compound bar graph (2mks)

(iii) Draw two conclusions from the compound bargraphyouhavedrawn.(2mks)

(b) (i) State three human factors which influence tourism in Kenya (3mks)

(ii) Give two main tourist attraction at the Kenya coast (2mks)

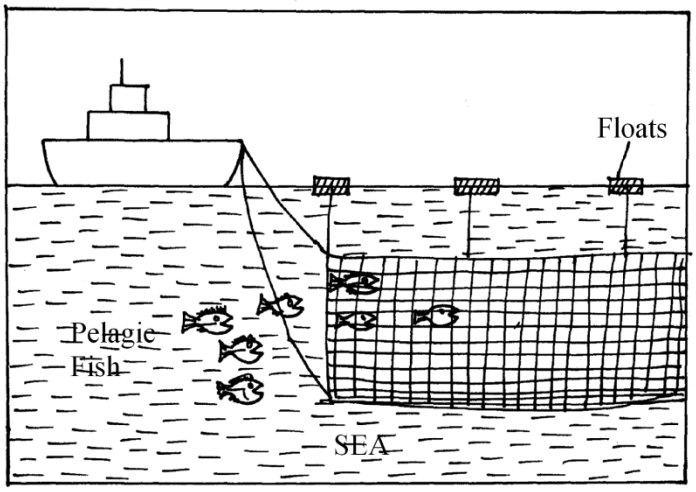
(c) State four significance of tourism in Kenya (4mks)

(d) Compare tourism in Kenya and Switzerland (6mks)

7. (a) (i) Define the term fisheries (2mks)

(ii) Name three pelagic salt water fish species (3mks)

(b) The diagram below demonstrates a method of fishing .Use it to answer the questions that follow.



(i) Identify the fishing method shown above (1mk)

(ii) Describe how fishing is done using the method named above (4mks)

(c) (i) Name two fresh water fishing grounds in Kenya (2mks)

(ii) Give three reasons why fresh water fishing is more developed than marine fishing in East Africa. (3mks)

(iii) State four economic benefits of fishing in Kenya. (4mks)

(d) Explain three physical factors favouring fishing in Japan (6mks)

8. (a) (i) Draw an outline map of Nigeria (1mk)

(ii) On the map shade the main growing areas of oil palm (2mks)

(b) State three physical conditions that are necessary for the growing of oil palm (3mks)

(c) Describe the stages involved in the harvesting and processing of oil palm fruits in Nigeria (8mks)

(d) Explain three ways in which oil palm contribute to Nigeria economy. (6mks)

(e) (i) State two uses of oil palm (2mks)

(ii) Give three problems facing oil palm in Nigeria. (3mks)

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

(ii) Name two forest reserves in Kenya (2mks)

(b) State two advantages of planted forests in Kenya (4mks)

(c) Explain four measures the government has put in place to manage and conserve forests (8mks)

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(d) Explain three factors that have hindered the exploitation of the equatorial forests (6mks)

(e) Give two economic uses of mangrove forest. (2mks)

10. (a) (i) What is an environmental hazard (2mks)

(ii) A part from floods name two other environmental hazard (2mks)

(b) Explain three effects of air pollution on the environment (6mks)

(c) Describe four measures being taken to manage and conserve the environment in Kenya (8mks)

(d) Students from Rianyabaro school of excellence intend to carry out field study in an area affected by floods.

(i) State two objectives of their study (2mks)

(ii) Give two reasons why would prepare a work schedule

(iii) Suggest three measures they would recommend to the local community on how to control floods.

KENYA HIGH SCHOOL TRIAL AND PRACTICE EXAM 2019

312/1

GEOGRAPHY

PAPER 1

SECTION A

Answer ALL Questions.

1. (a) What is solstice? (1mk)

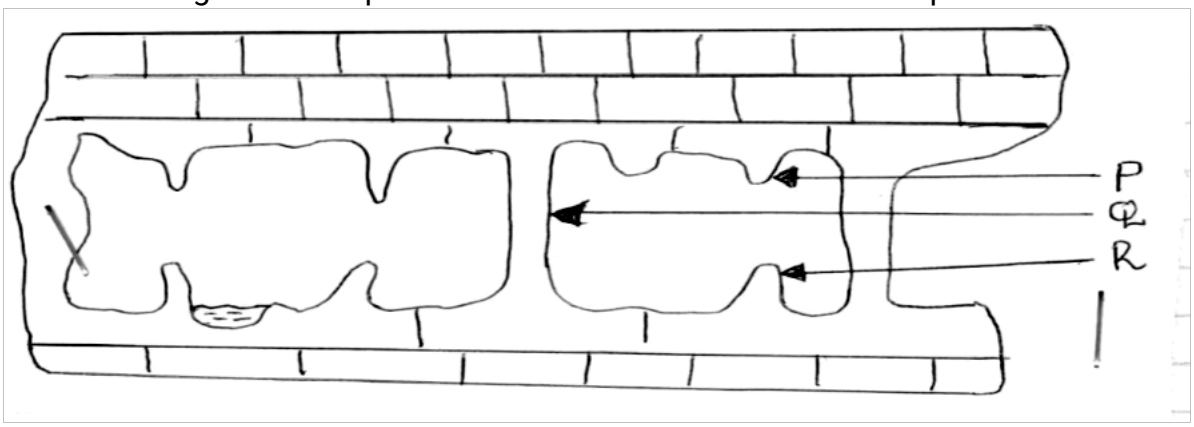
(b) Give the date when summer solstice occurs. (1mk)

(c) State **three** proofs to show that the earth is spherical. (3mks)

2 (a) Name **two** factors that influence atmospheric pressure. (2mks)

(b) State **three** characteristics of inter-tropical convergence zone. (3mks)

3. The diagram below represents some features formed in Karst landscape.



a)State the features labeled P, Q and R. (3mks)

b)State **two** conditions for the formation of an artesian well / basin. (2mks)

4. (a) State **two** characteristics of intrusive igneous rocks. (2mks)

(b) Name **three** methods used to estimate the age of rocks. (3mks)

5. (a) State **three** ways through which rivers transport its load. (3mks)

(b) Give **two** effects of earthquakes in built-up areas. (2mks)

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SECTION B

Answer question 6 and any other two questions in this section

6. Study the map of Karatina 1:50,000 (sheet 121/3) provided and answer the following questions:-

(a) (i) Give the magnetic variation of the area covered by the map. (1mk)

(ii) Give **two** methods used to represent relief on the map provided. (2mks)

(iii) Calculate the area of Mount Kenya Forest in Kirinyaga District. (2mks)

(b) Give **three** social services provided at Tumu Tumu town. (3mks)

(c) Draw a cross-section along Northings 50 from Eastings 92 to 98. (3mks)

(i) On the cross-section mark the following features: (3mks)

- All Weather Road
- River Karuru
- District boundary

(ii) Calculate the vertical exaggeration (V.E) (2mks)

(iii) Determine the inter-visibility of the cross-section. (1mk)

(d) Describe the drainage of the area covered by the map. (6mks)

(e) Give the highest and lowest point of the area covered by the map. (2mks)

7. (a) (i) Apart from Rift Valley, name **two** other relief features that were formed as a result of faulting. (2mks)

(ii) With the aid of a well labeled diagram, describe how a Rift Valley is formed by tensional forces. (8mks)

a) Explain **four** effects of faulting. (8mks)

b) Students are planning to carry out a field study in an area affected by faulting.

1. State **four** reasons why it is important for the students to have a pre-visit of the area. (4mks)
2. One of the ways they would use to collect data is through direct observation. Give **three** disadvantages of direct observation in the study of such an area. (3mks)

8. (a) (i) What is the difference between weathering and mass wasting? (2mks)

(ii) Apart from plants, give **three** other factors that influence the rate of weathering. (3mks)

(iii) Explain **two** ways in which plants cause weathering. (4mks)

(b) (i) List **two** types of mass wasting other than soil creep. (2mks)

(ii) Explain **three** factors that cause soil creep. (6mks)

(c) Explain **four** effects of mass wasting on the environment. (8mks

9. (a) What is glaciations? (2mks)

(b) State the **two** conditions that favour formation of a glacier. (2mks)

(c) (i) Name **three** processes through which ice moves. (3mks)

(ii) Explain **three** processes through which glacier erodes the surface.(6mks)

(d) Describe the formation of the following features:

(i) Roche Mountonée (4mks)

(ii) Rock basin (4mks)

(e) Explain **two** negative effects of glaciations on the physical environment. (4mks)

10. (a) What is soil catena? (2mks)

(b) Explain the following leaching processes:

(i) Laterisation. (3mks)

(ii) Podzolisation. (3mks)

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(c) (i) State **three** ways in which humus improves the quality of soil. (3mks)

(ii) Name **three** types of soil according to structure. (3mks)

(d) Explain how the following factors cause loss of soil fertility:

(i) Change in soil pH. (2mks)

(ii) Irrigation in arid and semi arid regions. (2mks)

(iii) Destruction of soil structure. (2mks)

(e) You have been asked to carry out a field study in causes of soil erosion in a region near your school.

1. Mention **two** methods you would use to collect data during the study. (2mks)
2. Mention **two** activities you would undertake during the field study. (2mks)
3. Mention **one** follow up activity you would carry out after the field study.(1mk)

KENYA HIGH SCHOOL KCSE TRIAL AND PRACTICE EXAM 2019

Paper 2

SECTION A

Answer ALL Questions

1 a) Define the following terms:

(i) Settlement (1mk)

(ii) Urbanization. (1mk)

(b) State **three** effects of urbanization. (3mks)

2 (a) Apart from polders, name **two** other reclaimed areas in the Netherlands. (2mks)

(b) Apart from irrigation, name **three** methods of land reclamation used in Kenya (3mks)

3 (a) Distinguish between a game sanctuary and a national park. (2mks)

(b) Give **three** factors that favour establishment of natural parks in the semi-arid areas of East Africa. 3mks)

4 (a) Distinguish between fish farming and fisheries. (2mks)

(b) State **three** characteristics of equatorial rain forest. (3mks)

5 (a) Name **two** forest reserves in Kenya. (2mks)

b) State **three** characteristics of equatorial rain forest. (3mks)

SECTION B

Answer question 6 and any other two questions in this section

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6. The table below shows the production of minerals in country Q between19992002.production in ('000). Use it to answer questions (a)

	YEARS							
	1999		2000		2001		2002	
		CT		CT		CT		CT
GOLD	150	150	165	165	170	170	200	200
GEMSTONE	530	680	540	705	550	720	600	800
COPPER	220	900	230	935	235	955	250	1050
SALT	850	1750	860	1795	900	1855	910	1960
TOTAL	1750		1795		1855		1960	

(a) (i) Using the data in the table above, draw a compound bar graph. (8mks)

(ii) State **two** advantages of compound bag graph as a method of data presentation. . (2mks)

(b) (i) Name the minerals mined in the following areas in Kenya: (3mks)

i. Kariandusi
ii. Kwale
iii. West Pokot

(c) Describe how deep shaft mining is carried out. (7mks)

(d) State **five** environmental problems associated with open cast mining. (5mks)

7. (a) (i) Define the term trade. (1mk)

(ii) Name **two** levels of external trade. (2mks)

(h) (i) Differentiate between invisible exports and visible exports. (2mks)

(ii) Name **two** leading export commodities from Kenya. (2mks)

(i) Explain **four** measures Kenya may take to reduce the unfavourable balance of trade. (8mks)

(j) (i) Name **two** regional trade blocks in Africa. (2mks)

(ii) Explain **four** benefits of international trade to Kenya. (8mks)

8. (a) (i) State **three** factors that have influenced the development of industries in Eldoret town. (2mks)

(ii) Name **two** non-food agricultural industries in Thika. (3mks)

(b) (i) Explain ways in which each of the following factors may affect the location and development of industries:

1 Raw materials (2mks)
2 Transport (2mks)
3 Market (2mks)

(ii) Identify the main industries found in each of the following towns:

4 Kisumu (1mk)
5 Nakuru (1mk)

(c) Give **four** reasons why Kenya should become an industrialized country as per the vision 2030. (4mks)

(d) Describe the measures that should be taken by the Kenyan government to control effects of industrialization. (4mks)

(e) Form four class from Kipsigak high school carried a field study on industrialization in Kapsabet town.

(i) Give **two** objectives of their study. (2mks)

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(ii) List **two** methods of data recording that they will use to record the data. (2mk)

9. (a) (i) Differentiate between **transport** and **communication**. (2mks)

(ii) State **three** modern means of communication used in Kenya. (3mks)

(b) Explain **four** factors hindering the development of road transport in Kenya. (8mks)

(c) (i) Name **two** canals found along the St. Lawrence Seaway. (2mks)

(ii) State **four** reasons why the St. Lawrence Seaway project was set up. (4mks)

(iii) Explain **three** advantages of Railway Transport in reference to standard gauge Railway to be put up in East Africa. (6mks)

10. (a) Name **three** types of dairy cattle kept in Kenya. (3mks)

(b) (i) State **four** conditions that favour dairy farming in Kenya highlands. (4mks)

(ii) Explain **three** problems facing dairy farmers in Kenya. (6mks)

(c) (i) State **three** measures the government of Kenya is taking to improve dairy farming. (3mks)

(ii) Compare dairy farming in Kenya and Denmark. (4mks)

(d) You intend to carry out a field study in a dairy farm.

(i) Give **three** methods you would use to collect information. (3mks)

(ii) State **two** follow up activities you would carry out after the field study. (2mks)

MARANDA SCHOOL KSCE TRIAL AND PRACTICE EXAM 2019

312/1
GEOGRAPHY
PAPER 1

SECTION A
Answer all questions in this section

1. (a) Define the solar system (1mk)

(b) Give **four** proofs that show that the earth is spherical (4mks)

2. (a) What do you understand by

(i) Micro-climate (2mks)

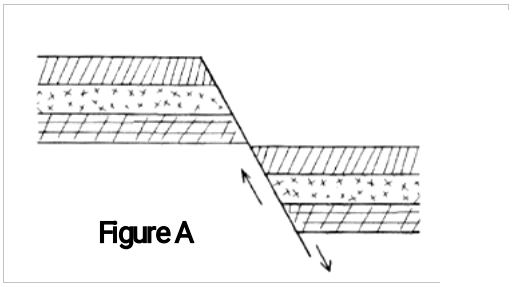
(ii) Green house effect (2mks)

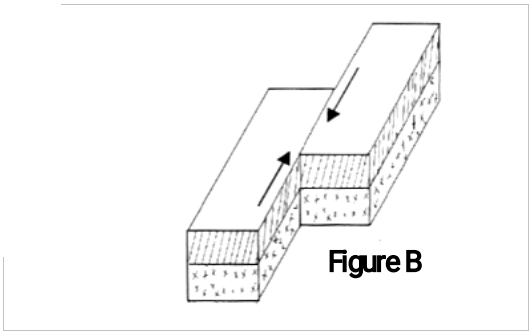
(b) Name **one** instrument found in a Stevenson screen (1mk)

3. (a) State **two** cause of coastal submergence (2mks)

(b) Name **three** conditions necessary for the growth of coral polyps (3mks)

4. (a) Identify the types of faults shown by the diagrams below (2mks)





(b) State **three** negative effects of faulting (3mks)

5. (a) Name an **three** glacial erosion features found in the highlands (3mks)

(b) State **two** factors that influence the rate of glacial erosion 2mks)

SECTION B(75marks)

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

6. Study the map of Karatina (1:50000) sheet 121/3 provided and answer the following questions.

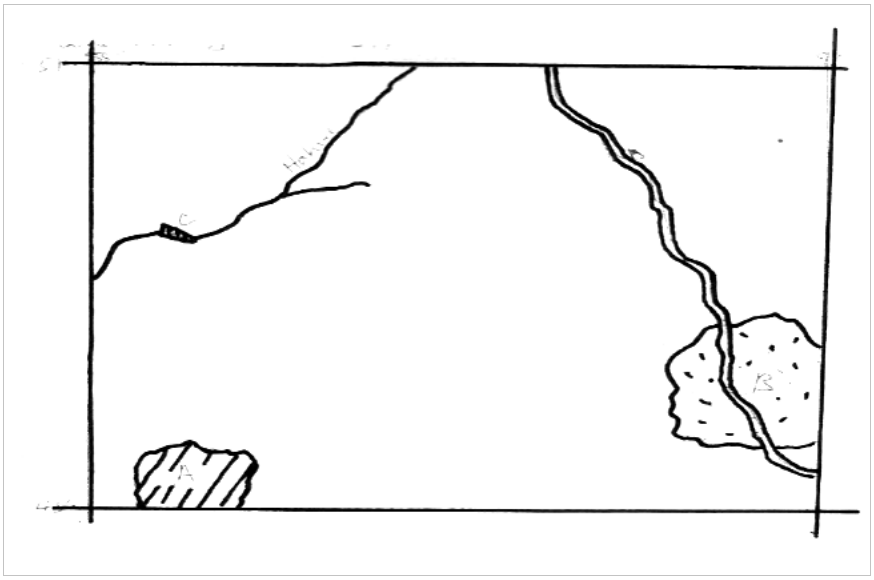
(a) (i) Convert the RF of the map into a statement scale (1mk)

(ii) Calculate the bearing of the church at Hiriga grid square 8457 from the cattle at Kaburuini grid square 8756 (2mks)

(iii) Calculate the area of Karatina town. Give your answer in square kilometers (2mks)

(iv) Name the **two** districts covered by the map (2mks)

(b) The rectangle below represents that area in the map extract bounded by easting 85 and 92 and northing 45 and 51



(i) Identify the features marked A,B,C and D (4mks)

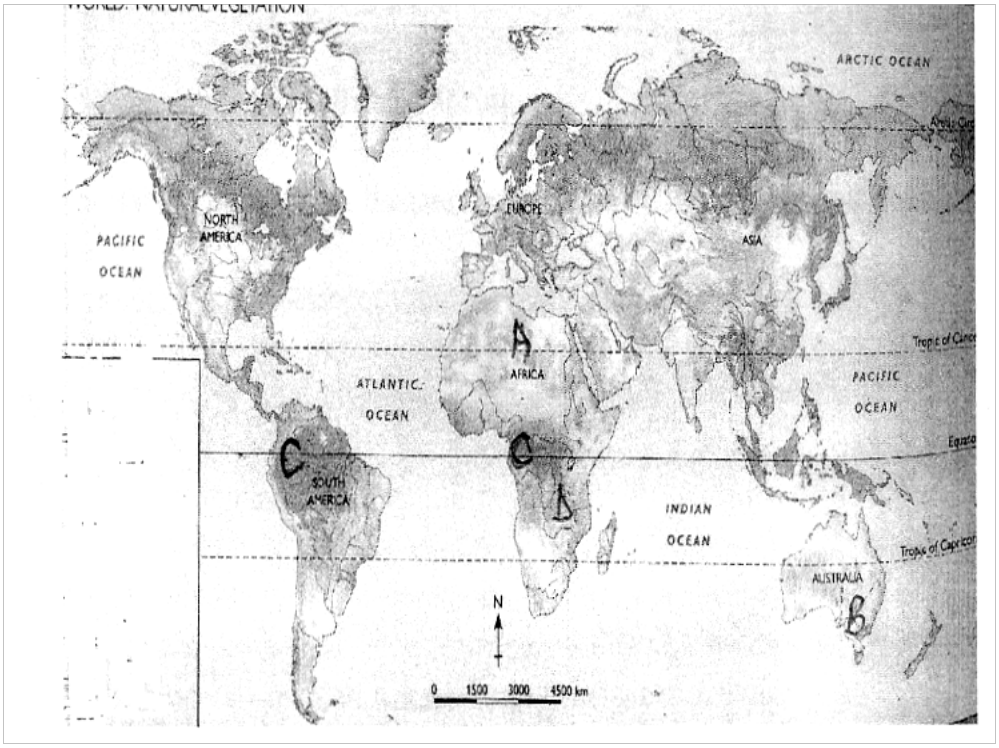
(c) Citing evidence from the map, give three economic activities carried out in the area covered by the map

(d) Apart from forests, name three types of natural vegetation found to the East of Easting 94 (3mks)

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(e) Describe the drainage of the area covered by the map (5mks)

7. (a) (i) What is climate change? (1mk)
(ii) State **four** consequences of climate change (4mks)
(b) Name **two** physical factors influencing vegetation distribution in Kenya (2mks)
(c) Study the sketch map below showing some vegetation zones of world. Use it to answer the questions (c)(i)(ii) and (iii)



(i) Name the vegetation zones marked A,B,C and D (4mks)
(ii) Explain **four** ways in which vegetation marked A have adapted to their environment (8mks)

8. (a) (i) What is a river divide? (1mk)
(ii) Describe **three** ways by which a river transports its load (6mks)
(b) Give the characteristics of a river in its old stage (7mks)
(c) Describe the following drainage patterns/systems
(i) Superimposed (3mks)
(ii) Centripetal (2mks)
(d) You have planned to carry out a study of a river in its youthful stage
(i) Give any **two** preparations for your study (2mks)
(ii) Name **two** features you are likely to study (2mks)
(iii) State **two** problems you are likely to experience during their study (2mks)

9. (a)(i) Apart from the thermal metamorphism, name two other types of metamorphism (2mks)
(ii) Describe how the following types of rocks form
(a) Calcereous rocks (3mks)
(b) Carbonaceous rocks (3mks)
(iii) Name **three** examples of rocks that are dominant at the coast of Kenya (3mks)
(b) Explain how sedimentary rocks are formed through the following processes;

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(i) Mechanical process (4mks)

(ii) Chemical process (4mks)

© Ingolomosio Secondary school intends to carry out a field study on rocks in Mt. Longonot

(i) State **three** activities they would be involve in (3mks)

(ii) State **three** objectives of your study (2mks)

10. (a) Differentiate between a well and a spring (2mks)

(b) With the aid of a well labeled diagram, show the three zones of ground water (6mks)

(c) List **four** conditions necessary for the formation of an Artesia well (4mks)

(d) Explain **three** ways in which ground water is of significance to human activities (6mks)

(e) (i) Define the term Karst scenery (2mks)

(ii) Give **two** conditions for the development of Karst landscape (2mks)

(iii) Outline the significance of Karst landscape to human activities (3mks)

MARANDA SCHOOL KCSE TRIAL AND PRACTICE EXAM 2019

Paper 2

SECTION A (25MARKS)

***Answer all questions in this* section**

1. (a) Name **two** methods of under ground mining (2mks)

(b) State **three** factors that influence mining (3mks)

2. (a) State **three** conditions that favour the growing of oil palm in Nigeria (3mks)

(b) State **two** problems that face oil palm farming in Nigeria (2mks)

3. (a) Give **two** examples of softwood trees found in Kenya (2mks)

(b) State **three** problems facing forestry in Canada (3mks)

4. (a) What is external trade? (2mks)

(b) State **three** reasons why Kenya trades in raw material rather than finished products (3mks)

5. (a) State **three** reasons why Northern parts of Kenya are sparsely populated (3mks)

(b) Give **two** types of information obtainable from a population pyramid (2mks)

SECTION B(75MARKS)

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

6. Quality of fresh water fish landed in the years 2008 to 2010 (quantities in tonnes)

Lake	2008	2009	2010
Victoria	9,200	5,100	6700
Baringo	4,600	200	300
Turkana	2,000	3,700	3,800

Fish farming	980	1,000	1,200

(a)(i) Draw comparative bars graphs using the data above (8mks)

(ii) Which year had the highest total number of fish landed? (1mk)

(iii) State **two** possible reasons as to why there has been a decline of fish in L. Baringo (2mks)

(b) Explain **three** physical factors that influence fishing (6mks)

(c) State **four** significance of the fishing industry in Kenya (4mks)

(d) Give **four** measures being taken to conserve fresh water fisheries (4mks

7. (a) (i) Define eco-tourism (1mk)

(ii) Name **two** Game Reserves found in the Rift valley of Kenya (2mks)

(iii) Give the differences between National Parks and Game Reserves (4mks)

(b) (i) State **three** factors that hinder domestic tourism in Kenya (3mks)

(ii) Give **two** negative effects of tourism in Kenya (2mks)

(c) (i) Give **two** differences between tourist attractions in Kenya and those of Switzerland (2mks)

(ii) Give **two** reasons why domestic tourism is encouraged in Kenya (2mks)

(iii) Explain **three** physical factors favouring tourism in Switzerland (6mks)

(iv) State **three** reasons why the government of Kenya encourages foreign tourists (3mks)

8. (a) (i) Name **three** main sugar cane growing areas in the Lake Victoria basin (3mks)

(ii) State **five** physical conditions necessary for the growing of sugarcane in Kenya (5mks)

(b) Describe the commercial production of sugarcane from land preparation to harvesting (7mks)

(c) (i) Give **four** uses of sugar (4mks)

(i) Explain **three** ways through which the government of Kenya assists small-scale sugarcane farmers (6mks)

9. (a) (i) Define land rehabilitation (2mks)

(ii) State **three** ways irrigation is important to Kenya (3mks)

(b) Explain **three** ways land is rehabilitated in Kenya (6mks)

(c) (i) What is a polder? (1mk)

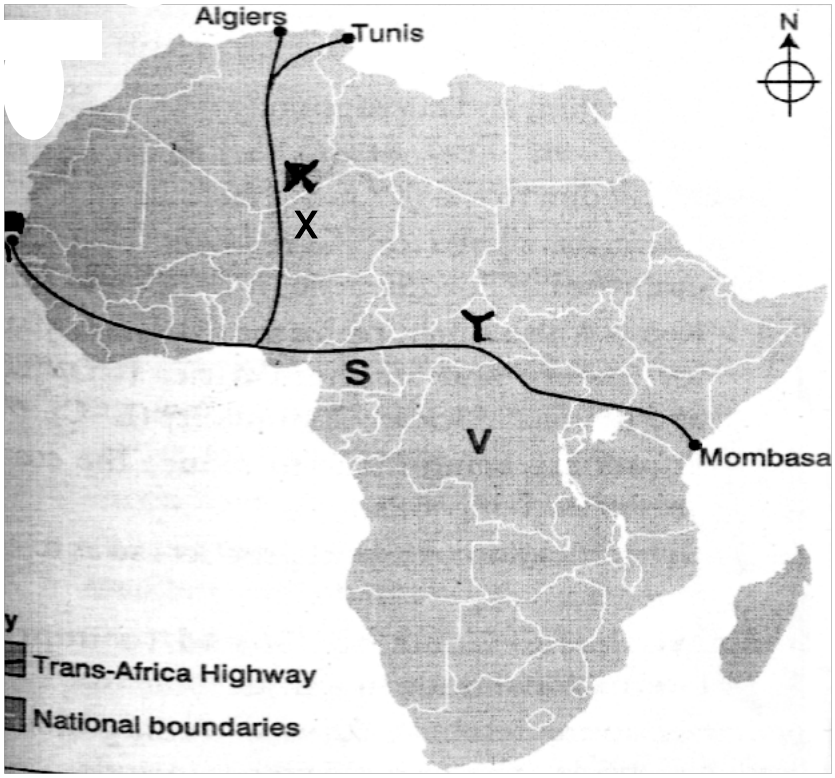
(ii) Describe land reclamation from the sea in Netherlands (6mks)

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(d) You intend to carry out a field study on land rehabilitation around your school
(i) State **three** ways you could prepare for the study (3mks)
(ii) Give **three** follow-up activities you would carry out after the field study. (3mks

10. (a) (i) Name **three** main modes of transport in Kenya (3mks)
(ii) State **four** problems facing communication in Kenya (4mks)
(b) Explain **four** advantages of rail transport over road transport (8mks)

(c) Use the map o... to answer the following questions



(i) Name the highways marked **X** and **Y** (2mks)

(ii) Name the port marked **M** (1mk)

(iii) Name the country marked **S** (1mk)

(d) (i) Give **two** reasons why it is difficult to transport goods from Mombasa to Lagos by Road (2mks)

(ii) State **four** efforts that have been made to improve transport in Africa (4mks)

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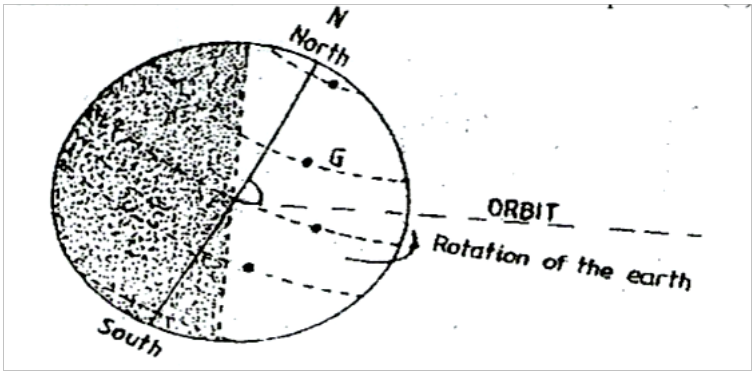
NAIROBI SCHOOL KCSE TRIAL AND PRACTICE EXAM 2019

312/1
GEOGRAPHY
PAPER 1

SECTION A
Answer all questions in this section.

1. a) Give **three** examples of mechanically formed sedimentary rocks. (3mks)
   b) State **two** changes that occur in sedimentary rocks when they are subjected to intense heat and pressure. (2mks)

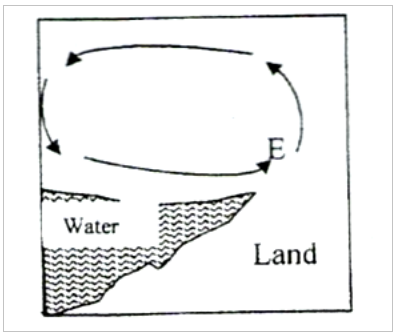
2. The diagram below represents the earth on its axis. Use it to answer question (a)

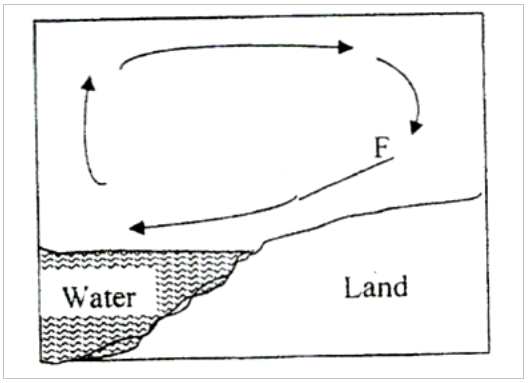


   (a) (i) Name the latitude marked **G** (1 mk)
   (ii) What is the angle of inclination of the earth's axis from it orbit? (1 mk)
   (b) State **three** ways that make the earth as a planet different from other planets (3mks)

3. (a) Name **three** external land forming processes that leads to the formation of lakes (3mks)
   (b) State **three** ways in which lakes influence the natural environment (3 mks

4. The diagram below represents the flow of air current. Use them to answer question

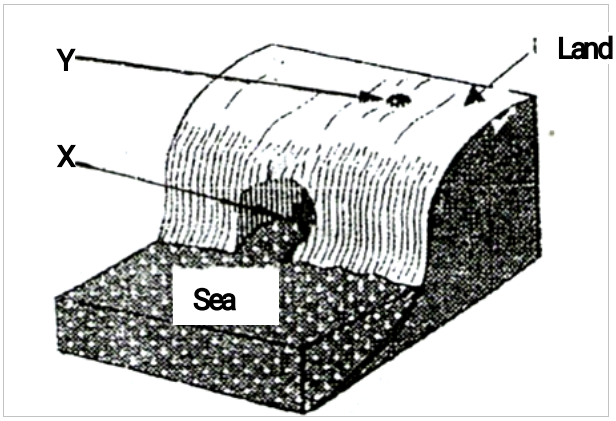




   (a) In your answer booklet, name the air current marked **E** and **F** (2 mks)
   (b) Give the reason why air cools as it rises (2mks)

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5. The diagram below represents a coastal landform



(a) Name the features marked **X** and **Y** (2mks)

(b) State **three** conditions necessary for the formation of a sand spit. (3mks)

SECTIONS B

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

6. Study the map of Karatina 1:50,000 (sheet 121/3) provided and answer the following questions.

(a) (i) Give **two** methods used to show relief on the map (2mks)

(ii) Give the names of the adjoining map sheets 120/4 and 135/2 (2mks)

(iii) Convert the map scale into a statement scale. (1mk)

(iv) State the height of the highest point on the area covered by the map. (2mks)

(v) Calculate the area of the forest in Kirinyaga District (give your answer in square kilometers) (2mks

(b) (i) Name **two** human features found in grid square 8052 (1mk)

(iii) Draw a rectangle measuring 16cm by 12 cm to represent the area enclosed by Easting's 97 to 05 and Northings 45 to 51 (1mk)

- On the rectangle mark and name the following features:
- The tree swamp (1mk)
- The district boundary (1mk)
- All weather road (bound surface) to Kirinyaga (1mk)

(c) Describe the drainage of the area covered by the map 4mks)

(d) Citing evidence from the map, explain **three** factors that influence the distribution of settlements in the area covered by the map. (6mks)

7. (a) (i) A part from the Rift Valley name **two** other relief features that were formed as a result of faulting. (2mks)

(ii) With the aid of a well labelled diagram, describe how a rift Valley is formed by tensional forces. (8mks)

(b) Explain **four** effects of faulting (8mks)

(c) Students are planning to carry out a field study of an area affected by faluting.

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(i) State **four** reasons why it is important for the students to have a pre-visit of the area (4mk

(ii) One of the ways they would use to collect data is through direct observation. Give **three** disadvantages of direct observation in the study of such an area. (3mks)

8. (a) (i) What is glaciations? (1mk)

(ii) Give **three** differences between glacial trough and river valley (3mks)

(b) (i) State **two** ice ages (4mks)

(ii) Describe **two** ways in which ice moves (4mks)

(c) (i) State **two** characteristics of a pyramid peak (2mks)

(ii) Name **three** types of Maraines (3mks)

(d) With a well labeled diagrams, describe the processes involved in the formation of a corrie lake. (6mks)

(e) Outline **four** ways in which glaciated landscape is of negative significance to human activities. (4mks)

9. (a) Describe how a river erodes its channels by the following process.

(i) Hydraulic action (2mks)

(ii) Abrasion (2mks)

(b) (i) Explain **three** factors that lead to rejuvenation of a river (6mks)

(ii) Describe the process of a river capture. (6mks)

(c) Some students carried out a field study on the feature found a long a river.

(i) List **three** features formed as a result of river erosion. (3mks)

(ii) State **three** methods that students may have used to record their data (2mks)

(iii) Explain **two** ways in which features resulting from river deposition are of significance to human activities. (4mks)

10. (a) (i) Differentiate between weathering and denudation (2mks)

(ii) State **three** factors that influence the rate at which weathering occur. (3mks)

(b) Explain how the following processes of weathering occur in arid areas.

- Crystal growth (2mks)
- Expoliation (2mks)
- Block disintegration (2mks
- Granular disintegration (2mks)

(c) (i) A part from soil creep, name **three** other types of slow –mass wasting(3mks)

(ii) State **three** causes of soil creep (3mks)

(d) Students from a school in Rachuonyo South sub county carried out a field study on land slides.

(i) Identify **two** ways they must have prepared for the filed study. (2mks)

(ii) Name **two** types of rapid mass movement they could have identified. (2mks)

(iii) State **two** effects of rapid- mass wasting they came across. (2mks)

NAIROBI SCHOOL KCSE TRIAL AND

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PRACTICE EXAM 2019
Paper 2

SECTION A

Answer all questions from this section in the answer booklet provided

1. (a) Name **two** international airports in Kenya. (2mks)

(b) Give **three** advantages of using mobile phones. (3mks)

2. (a) Apart from flooding name **two** climatic hazards that occur in Kenya. (2mks)

(b) State **three** measures used to control floods in Kenya. (3mks)

3. (a) What is a cottage industry? (2mks)

(b) Give **four** reasons why the government of Kenya encourages the establishment of Jua Kali industries. (4mks)

4. (a) Name **two** exotic breeds of commercial beef cattle reared in Kenya. (2mks)

(b) Outline **two** similarities of commercial beef cattle in Kenya and Argentina. (2mks)

5. (a) What is mixed farming? (2mks)

(b) State **three** physical conditions that favour cocoa growing in Ghana. (3mks)

SECTIONS B

Answer questions 6 and any other two questions from this section in the answer booklet provided.

Study the photographs provided and use it to answer the following.

6. (a) Name the type of photograph shown above. (2mks)



(b (i) Draw a rectangular measuring 8cm and 5cm to represent the area of the photograph (1mk)

(ii) On the rectangular sketch, name and labell **four** main features shown on the photograph. (4mks)

(c) (i) Describe the scene in the photograph. (4mks)

(ii) Name **two** types of fish caught in the North east Atlantic fishing ground. (2mks)

(iii) Describe trawling as a fishing method . (4mks)

(d) Explain **four** factors that have made Japan to be a leading fishing nation. (8mks)

7. (a) (i) Apart from draining of swamps, give **two** other methods through which land has been reclaimed in Kenya. (2mks)

(ii) Give **two** methods that are used to drain swamps in Kenya. (2mks)

(b) (i) Name **two** rivers that supply water to the Mwea Tabera irrigation scheme. (2mks)

(ii) Explain how the following factors influence the establishment of Mwea irrigation schemes.

- Topography (2mks)
- Soils (2mks)
- Population 2mks)
- Government policy (2mks)

(c) (i) Name **three** areas which make up the Zuider Zee reclamation project in the Netherlands (3mks)

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(ii) Give **four** differences between land reclamation in Kenya and the Netherlands. (8mks)

8. (a) What is ecotourism? (2mks)

(b) (i) Give **four** tourist attraction found at the coast of Kenya

(ii) State **five** problems associated with tourism in Kenya (5mks)

(c) State **four** ways in which game reserves are of benefits to the communities living near them. (4mks)

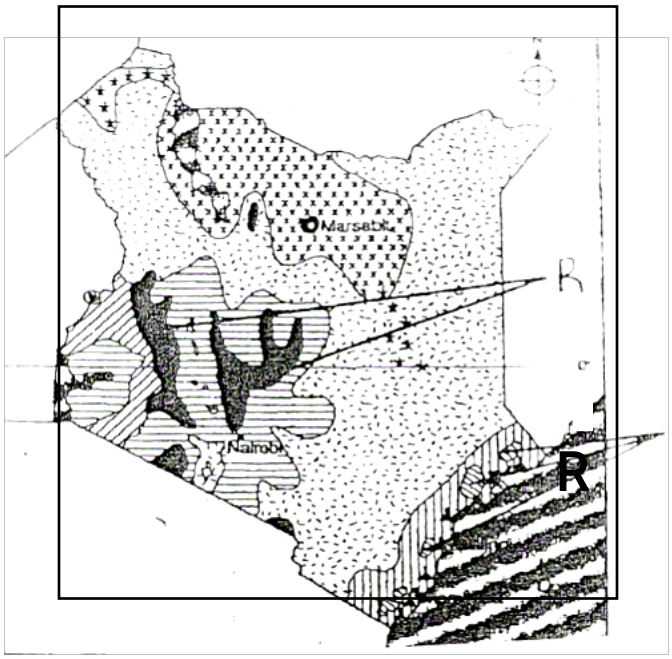
(d) (i) Explain **three** differences in which tourism in Kenya differ from Switzerland.

(ii) Your geography class carried out a field study in a game park.

- State **two** methods the class may have used to collect data. (2mks)
- During the field study the class collected data on the number of tourists visiting a game park. State **two** methods the class may have used to present the data.

9. (a) (i) differentiate between indigenous and exotic forests. (2mks)

(ii) The map below shows Kenya's forest **Zones**. Study and use it to answer the questions that follow



Identify forests marked **M** and **R** (2mks)

(iii) State **three** factors that lead to depletion of forests in Kenya. (3mks)

(b) Explain **three** factors that favour the growth of natural forests on the slopes of Mt. Kenya (6mks)

(c) Compare forestry in Kenya and Canada under the following headings:

(i) Distinction of forests (2mks)

(ii) Mode of exploitation (2mks)

(iii) Transport (2mks)

(d) (i) State **three** factors favouring the development of softwood forests in Canada. (3mks)

(ii) Give **three** measures used to conserve forests in Kenya. (3mks

10. (a) (i) Give **four** factors common to Kenya and the Netherlands that have favoured horticultural farming (4mks)

(ii) State **three** features of Horticultural farming in the Netherlands. (3mks)

(b) The table below shows the quality and value of Kenya's horticultural exports between June 2008 and June 2009. Use it to answer questions (b)

Month	**Quantity (Metric tonnes)**	**Value (ksh in millions)**
June 2008	15,300	3,480
July	15,600	3,900

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August	14,000	4,000
September	14,900	3,500
October	15,600	4000
November	14,700	4,020
December	14,000	4,000
January 2009	15,900	4,700
February	16,000	4,100
March	17,500	4,400
April	14,900	3,700
May	15,190	3,800
June	14,600	3,600

(i) What was Kenya's total value of exports from Horticulture between June 2008 and June 2009? (2mks)

(ii) Comment on the trend of the quantity of Kenya's horticultural exports between June 2008 and 2009.

(iii) Using the data provided, draw a simple line graph to represent the quantity of Kenya's horticultural export.

Use a vertical scale of 1 cm to represent 500 metric tones (5mks)

(c) Explain **four** difficulties that farmers in Kenya experience in marketing horticulture. (8mks)

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