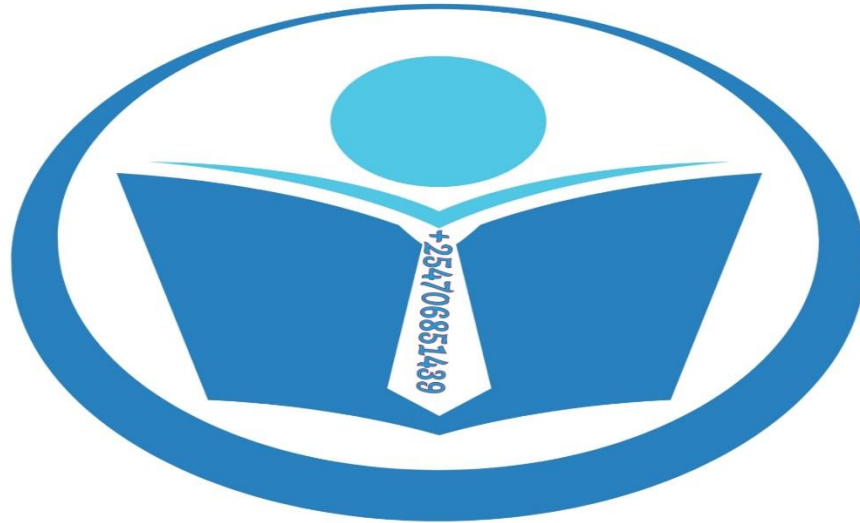


GEOGRAPHY PP1 SERIES 2

EXAMINERS PROJECTION 10 PAPERS



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PP1 PROJECTION NO. 11

GEOGRAPHY

PAPER 1

TIME 2³/₄ HOURS

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) Candidates should check the question paper to ascertain that all the papers are printed as indicated and no questions are missing.
- (f) Candidates should answer the questions in English.

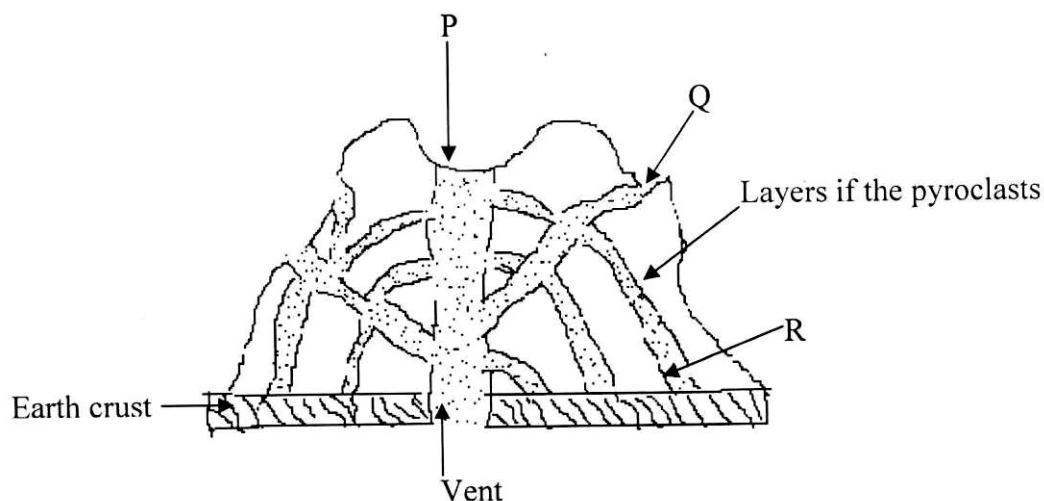
FOR EXAMINERS USE ONLY

Question	Maximum score	Candidate's score
1-	80	

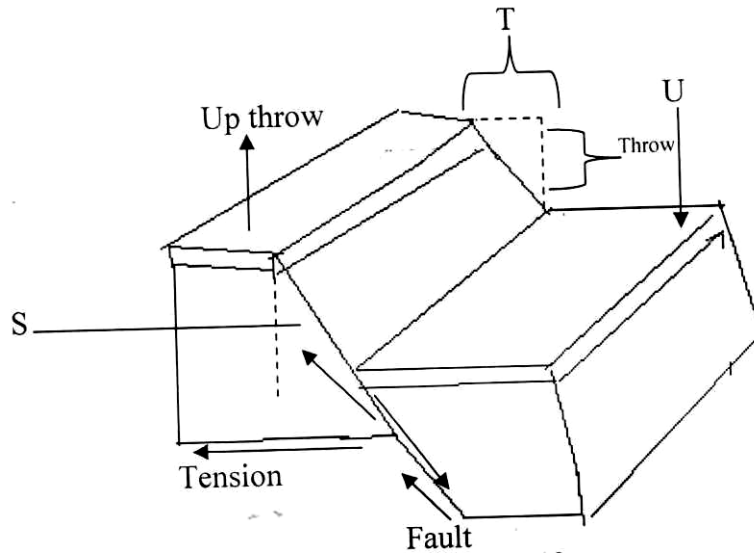
SECTION A

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)



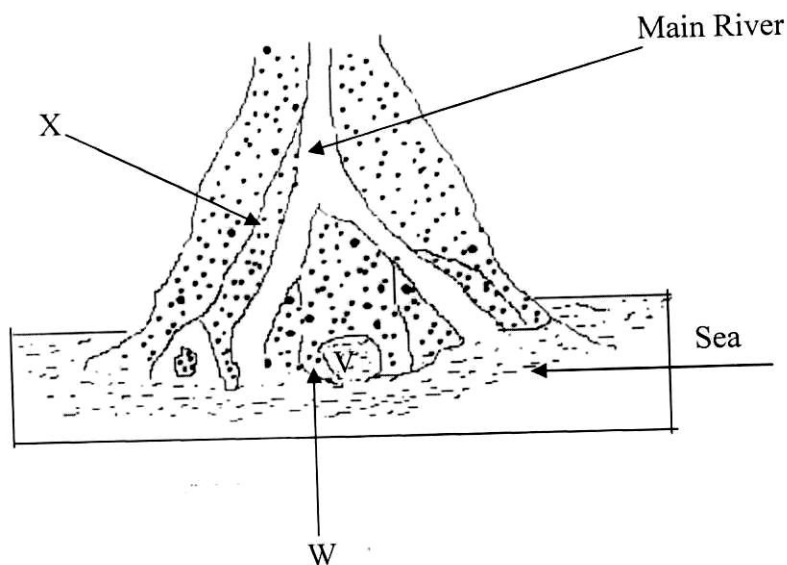
2. (a) Differentiate between weathering and mass wasting. (2mks)
- (b) State **three** physical factors that influence the rate of mass movement. (3mks)
3. (a) Differentiate between plutonic and volcanic rocks. (2mks)
- (b) Give an example in each of the following types of igneous rocks.
- (i) Plutonic (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)

(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

6. 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.

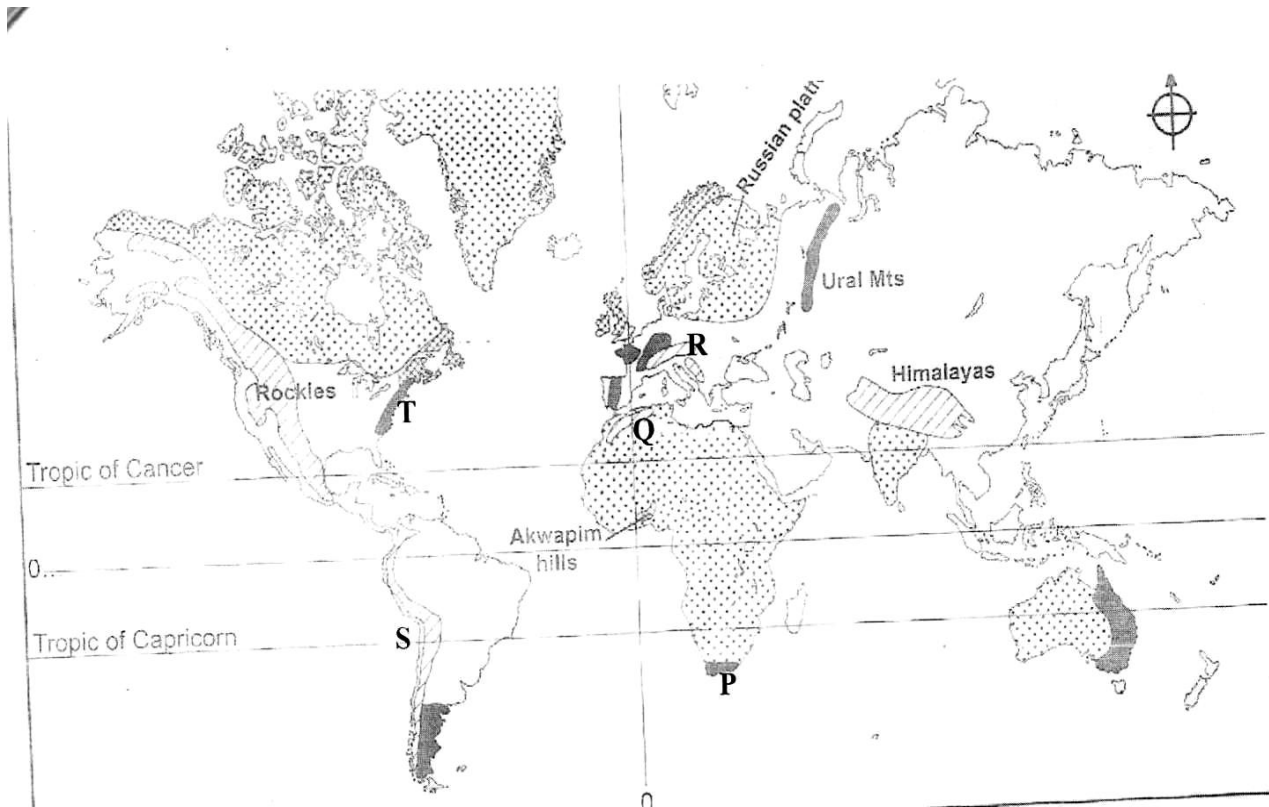
(i) Name **three** physical features they may have identified.(3mks)

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

7. (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 land forms resulting from folding. (4mks)

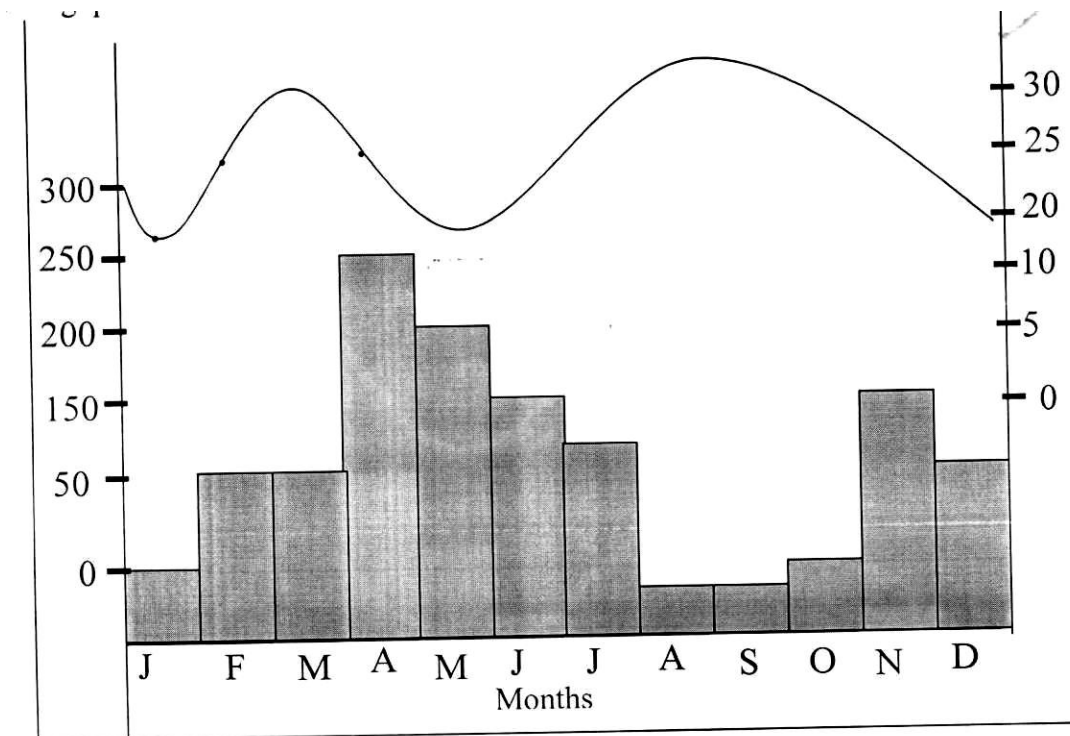
(d) Explain **four** ways in which Fold Mountains influences climate. (8mks)

8. (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.



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

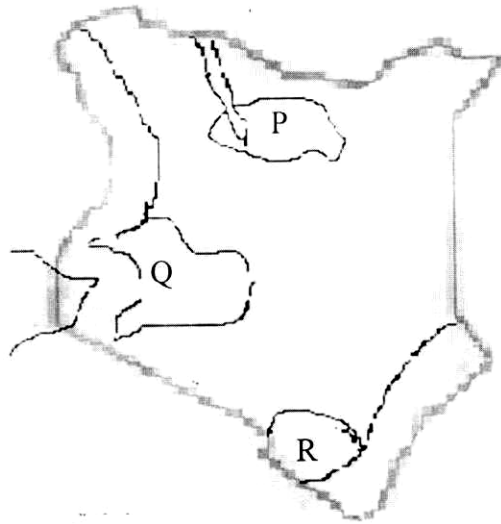
(ii) Calculate the annual total amount of rainfall received at the station. (2mks)

(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)

9. (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)

10. (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)

PP1 PROJECTION NO. 12

GEOGRAPHY

PAPER 1

TIME 2³/₄ HOURS

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) Candidates should check the question paper to ascertain that all the papers are printed as indicated and no questions are missing.
- (f) Candidates should answer the questions in English.

FOR EXAMINERS USE ONLY

Question	Maximum score	Candidate's score
1-	80	

SECTION A

Answer all questions from this section.

1. (a) What is a weather station? (2mks)
(b) State **two** conditions considered in choosing a suitable site for a weather station. (2mks)
2. (a) What do you understand by the term lapse rate? (1mk)
(b) At a given latitude, the sea level temperature is 30°C. What will the temperature be at the summit of a 4000 metre-high mountain when the lapse rate is 0.6°C per 100 metres ascent?(2mks)
(c) State **three** conditions that are necessary for the air to rise. (3mks)
3. (a) What is mechanical weathering? (1mk)
(b) How is an exfoliation dome formed? (3mks)
(c) Describe carbonation as a process of chemical weathering. (3mks)
4. (a) State **two** theories that are used to explain the origin of the earth. (2mks)
(b) What is solar system? (2mks)
5. (a) What is soil? (2mks)
(b) Name **two** types of soil according to texture. (2mks)

SECTION B

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

6. Study the map of Home Bay (1:50,000) sheet 129/2 provided and answer the following questions.

(a) (i) Give the sheet title of the map. (1mk)

(ii) Convert the scale of the map into a statement scale. (2mks)

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

(b) (i) What is the distance of the dry weather road E117 from the road junction in grid square 5733 to where it crosses northing 30? (Give your answer in kilometres). (2mks)

(ii) Calculate the bearing of God Nyamjini summit from the air photo principal in grid-square 4539. (2mks)

(c) (i) Using a vertical scale of 1cm to represent 50m, draw across-section from the easting 62 to 66 along Northing 33. (3mks)

(ii) On it, mark and name (3mks)

River

Hill

Road

(iii) Calculate the vertical exaggeration. (2mks)

(d) Describe the relief of the area covered by the map. (3mks)

(e) Suppose you were a student in the school at Nyamila and you plan to carry out a day's field study of A forest in Olambwe Valley.

(i) Design a working programme (schedule) you would use during the day of the study. (3mks)

(ii) Give **two** reasons why it would be necessary to sample part of the forest for the study. (2mks)

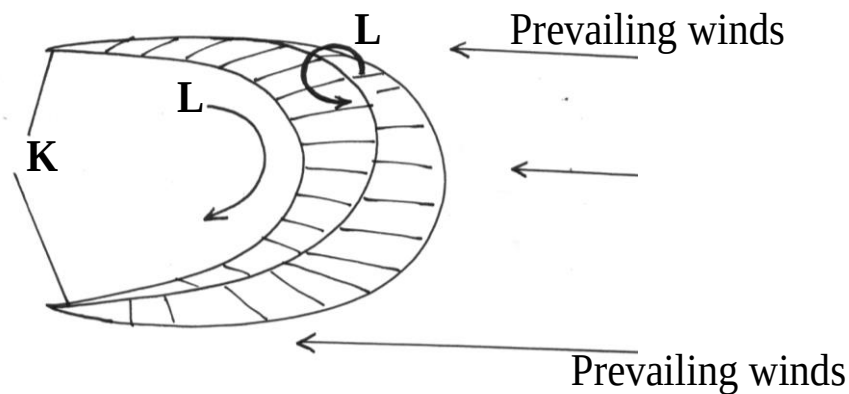
7. (a) What is a desert? (2mks)

(b) Name **three** types of deserts according to the nature of their surfaces. (3mks)

(c) (i) State **three** factors that make wind action more effective on the hot deserts. (3mks)

(ii) How is an oasis formed? (3mks)

(d) The diagram below shows a barchan.



(i) Name the feature marked K. (1mk)

(ii) Name the air current marked L. (1mk)

(iii) Describe the formation of a barchan. (5mks)

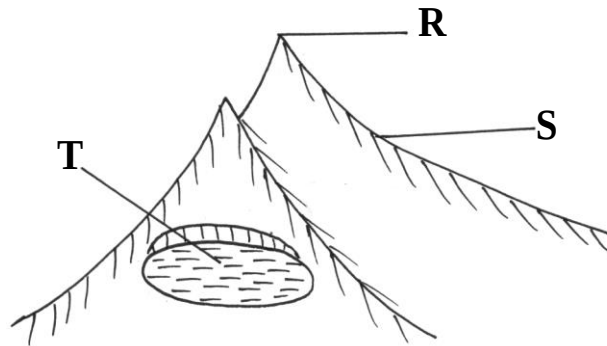
(e) You intent to carry out a field study on a desert landscape.

(i) Apart from conducting oral interviews, state four other methods you would use to collect information. (4mks)

(ii) State **three** problems that you are likely to encounter in the field. (3mks)

8. (a) Differentiate between Plutonic and Volcanic rocks. (2mks)
- (b) Describe how a lava plateau is formed. (4mks)
- (c) (i) State **four** characteristics of a composite volcano. (4mks)
- (ii) Describe how mount Kenya was formed. (6mks)
- (iii) State **three** ways through which mount Kenya has influenced the drainage of the area. (3mks)
- (d) During your field work, you intent to study the volcanic rocks.
- (i) State why you would need the following items:-
- A hammer (1mk)
- A polythene bag (1mk)
- Lenses (1mk)
- (ii) State **three** problems that you are likely to have experienced while collecting rock samples. (3mks)

9. (a) The diagram below shows a glaciated upland area.



(i) Name the features marked R, S and T. (3mks)

(ii) Describe the distinctive characteristics of a fiord. (2mks)

(b) With the aid of well labelled diagrams, describe how the following features are formed:-

(i) cirque (6mks)

(ii) a hanging valley (4mks)

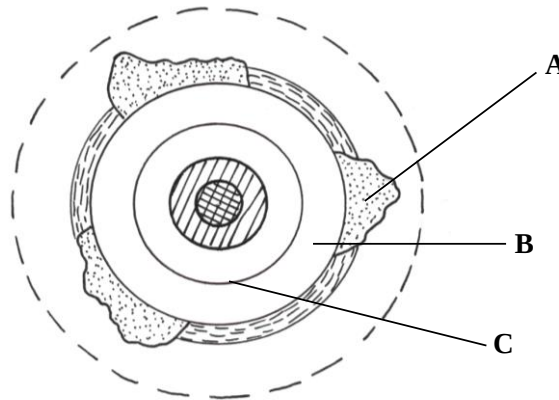
(c) Explain **two** factors that may lead to glacial erosion in upland areas. (4mks)

(d) Suppose you were to carry out a field study on aglaciased upland.

(i) Name **two** types of moraine you are likely to identify. (2mks)

(ii) Give **four** reasons why you would need the map of the area. (4mks)

10. The diagram below shows the cross-section of the internal structure of the earth.



(a) Name the parts marked A, B, and C. (3mks)

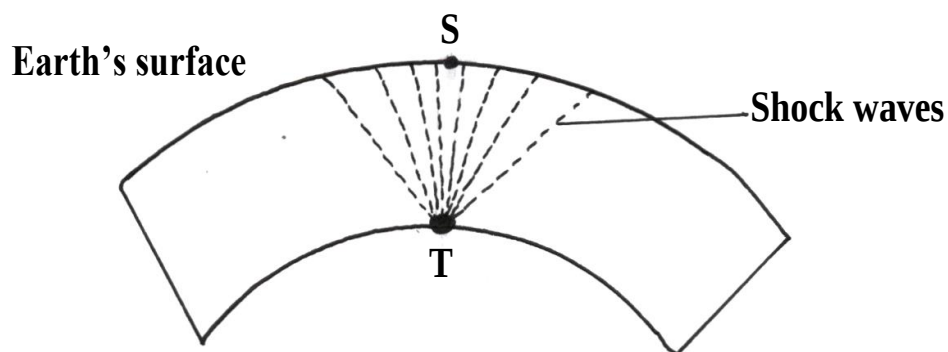
(b) Describe the characteristics of the:-

(i) mantle (4mks)

(ii) core (4mks)

(c) (i) What are earthquakes? (2mks)

(ii) The diagram below shows the vibration of shock waves within the crust.



Name the locations marked S and T. (2mks)

(iii) State **four** ways in which the earth's crust is affected by earthquakes. (4mks)

(d) You intent to carry out a field study of an area recently affected by an intense earthquake.

(i) Give **two** sources of information that you would use in preparation for the study. (2mks)

(ii) Explain **two** factors that would make it difficult for you to collect accurate data during the field study. (4mks)

PP1 PROJECTION NO. 13

GEOGRAPHY

PAPER 1

TIME 2³/₄ HOURS

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) Candidates should check the question paper to ascertain that all the papers are printed as indicated and no questions are missing.
- (f) Candidates should answer the questions in English.

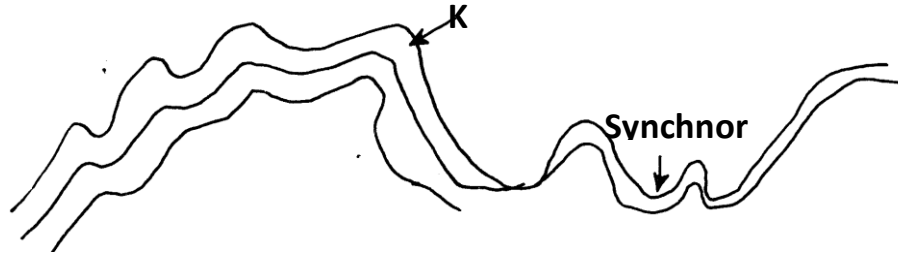
FOR EXAMINERS USE ONLY

Question	Maximum score	Candidate's score
1-	80	

SECTION A

- 1.(a) Name the **three** transitional zones of the atmosphere (3mks)
- (b) Give **two** reasons why cloud concentration is higher in the ... troposphere (2mks)
2. (a) State **three** sources of underground water (3mks)
- (b) State **two** ways in which underground water may reach the ... surface of the earth (2mks)
3. (a)What are the conditions for the occurrence of saline lakes in the . rift valley (3mks)
- (b)State **two** ways in which lakes are formed naturally (2mks)
4. (a) Apart from secondary waves name two other types of waves . generated by an earth quake (2mks)
- (b) (i) State **two** characteristics of S waves generated by an . . earthquakes (2mks)
- (ii) Name the instrument that measures seismic waves (1mk)

5. (a) The diagram below shows a folded region name the feature marked K. (1mk)



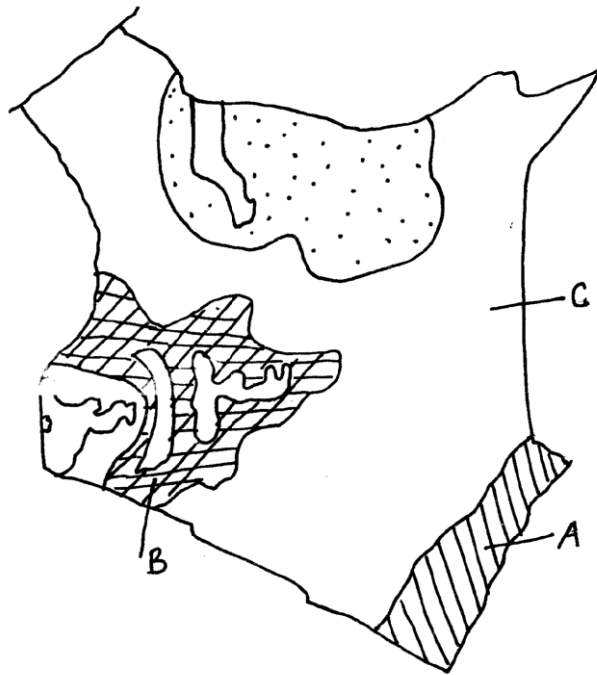
- (b) (i) Name any **two** fold mountains in the world outside the continent of Africa and identify the continent(s) where they are found. (2mks)
- (ii) What is temperature inversion (2mks)

SECTION B

6. Study the map of Kericho 1:50,000 provided and answer the following questions

- (a) (i) Identify **two** manmade features in grid square 6364 (2mks)
- (ii) What is the direction of the power station on grid square 5258 from Kimungu tea estate. (1mk)
- (iii) Give six figure grid reference of the trigometrical station near Ainamoi (1mk)
- (b) Measure the distance of the all weather road from the culvert near Kapkiam to the end North of the map. Give your answer in kilometers (2mks)
- (c) (i) Assuming that 1 dot represents 50 persons, calculate the population density in grid square 6859 (2mks)
- (ii) Name **two** human activities carried out in the area covered by the map South of Northing 63 (2mks)
- (d) (i) Draw a cross section along Northing 61 from Easting 52 to Easting 58. Use v.s 1cm rep 100m (6mks)
- (ii) On the cross-section mark a river (1mk)
- (e) Students of Poiywak School carried out a field study on settlement of the area covered by the map extract.
- (i) State any **two** objectives of their study (2mks)
- (ii) Name any **two** types of settlement pattern they may have identified (2mks)
- (iii) State any **two** methods they used to collect data(2mks)
- (iv) State any **one** factor responsible for the settlement pattern in the region they identified (1 mk)
- (v) State **one** problem they may have encountered during the field study (2mks)

7. (a) What is a plant community? (1mk)
- (b) Explain three factors that have led to a decline of natural grassland in Kenya. (6mks)
- (c) Use the map of Kenya below and answer questions that . . . follow.



- (i) Name the vegetation types marked A, B and C (3mks)
- (ii) State **six** characteristics of the vegetation type labeled B (6mks)
- (d) You carried a field study on vegetation in your district
- (i) Why was it necessary for you to conduct a reconnaissance? (2mks)

(ii) Name **three** methods you used in recording data
(3mks)

(iii) Name **two** tree species you identified during the field .
study (2mks)

(iv) Name **two** types of maps you used in recording your . .
findings (2mks)

8. (a) Differentiate between aridity and desertification (2mks)

(b) Name **three** types of desert surfaces (3mks)

(c) Using well labeled diagrams explain the formation of the
following desert features

(i) Barchan (3mks)

(ii) Zeugens (3mks)

(d) (i) Explain the role played by ocean currents in enhancing .
aridity (4mks)

(ii) Give three examples of ocean currents and name the
arid areas that result from their influence (3mks)

(e) (i) Name **three** processes involved in wind erosion in
deserts (3mks)

(ii) What is the significance of desert features to man
(4mks)

9. (a) Give **four** characteristics of desert soils (4mks)

(b) How does elluviation contribute to the soil degeneration
(4mks)

(c) Draw a well labeled diagram of a mature soil profile
(5mks)

(d) Explain four ways in which human activities contribute to
soil degeneration (4mks)

(e) Students in a school in Baringo district carried out a field
study on soil erosion in the district

(i) How will their findings benefit the farmers/residents of
the district (6mks)

(ii) Give **two** methods they used to pass the information to
the farmers (2mks)

10. (a) State and explain **two** causes of faulting (4mks)
- (b) Explain **three** ways in which faulting can influence drainage system (6mks)
- (c) Describe the effect of a rift valley on the following
- (i) Transport (3mks)
 - (ii) Agriculture (3mks)
- (d) (i) Describe how block mountains influence climate (4mks)
- (ii) Give **three** significances of faulting to human activities (3mks)
- (e) Differentiate between a symmetrical fold and an asymmetrical fold (2mks)

PP1 PROJECTION NO. 14

GEOGRAPHY

PAPER 1

TIME 2³/₄ HOURS

INSTRUCTIONS TO CANDIDATES:

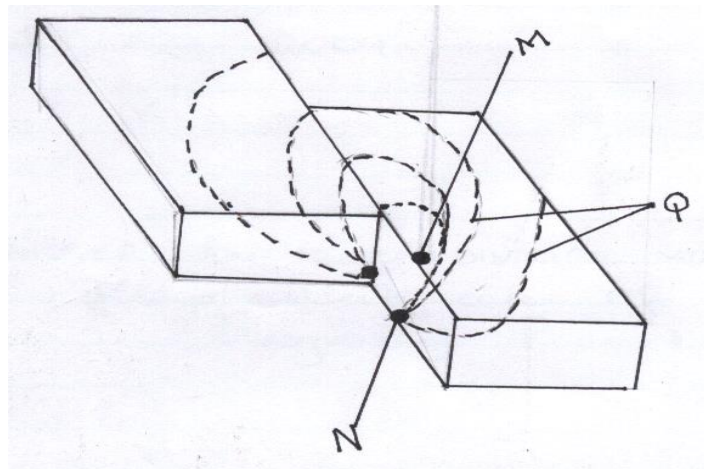
- (a) This paper has **two** Sections **A** and **B**.
- (b) Answer all the questions in Section **A**.
- (c) Answer question **6** and any other **two** questions from Section **B**.
- (d) All answers must be written in the answer booklet provided.
- (e) Candidates should check the question paper to ascertain that all the papers are printed as indicated and no questions are missing.
- (f) Candidates should answer the questions in English.

FOR EXAMINERS USE ONLY

Question	Maximum score	Candidate's score
1-	80	

SECTION A (25MARKS)

1. (a) (i) **What** does the word “Geo” mean? (1mk)
(ii) Give **any two** areas of great interest to a physical geographer.
(2mks)
- (b) (i) What is Rock? (1mk)
(ii) List three sub-division of igneous rocks. (3mks)
2. The diagram below shows a section of the earth where an earthquake occurred. Use it to answer the question that follows.



Name the parts labeled (3mks)

M:

N:

Q:

3. (a) The barysphere of the earth has high temperatures of about 5500°C . **Justify** the existence of this statement. (3mks)
- (b) **State two** types of mass wasting giving an example for each type
(4mks)
4. (a) **Name any two** processes through which river erosion occurs.
(2mks)
- (b) **List three** factors that can lead to reduction in a river's competence and capacity to transport its load. (2mks)
5. With the help of a well labeled diagram, describe a soil catena.
(4mks)

SECTION B

6. **Study** the map of Kericho, 1:50,000 (sheet 117/4) provided and answer the following questions;

(a) (i) **Identify two** social amenities within Kericho municipality.(2mks)

(ii) What is the direction of the factory along easting 61 from the trigonometric station 2173? (1mk)

(iii) **Give** the distance of dry weather road from grid reference 5460 to where it joins all weather road loose surface at grid reference 5168. (1mk)

(b) (i) Using a vertical scale of 1cm represents 40m, **draw** a cross section from grid reference 620670 to grid reference 670640. (1mk)

(ii) On the cross section **mark** and **name**;

- All weather road bound surface to lumbwa. (1mk)
- River Kibiriswa valley. (1mk)
- Kisungu Tea estate. (1mk)

(iii) **Calculate** the vertical exaggeration for your cross section.(2mks)

(c) (i) **Name two** methods used to represent relief of the area covered by the map. (1mk)

(ii) Briefly **describe** the relief of the area covered by the map. (2mks)

(d) Apart from tea growing, name other three economic activities carried out in the area citing evidences from the map. (6mks)

(e) Students from Kapsigirio School are required to carry out a field study on the types of the rocks within the area covered by the map. **State three** objectives of their study. (3mks)

7. (a) (i) **Distinguish** between mass-wasting and mass-movement.
(2mks)
- (ii) **Mention any two** examples of rapid mass-wasting
(2mks)
- (b) **Explain three** factors that influence weathering. (6mks)
- (c) **Explain three** processes involved in chemical weathering.
(6mks)
- (d) Form four students in a school in North Eastern province are to carry out a field study on weathering in the province.
- (i) **Mention three** reasons why they require a working schedule.
(3mks)
- (ii) **State three** physical weathering processes they are likely to study.
(3mks)
- (iii) **Name two** methods they would use to present their data.
(2mks)

8. (a) **Define** the following
- (i) Aridity. (2mks)
- (ii) Wind. (2mks)

(b) (i) List and briefly explain three ways in which wind erodes weathered materials in arid area. (6mks)

(ii) **Name five** features which develop under arid conditions as a result of wind erosion. (5mks)

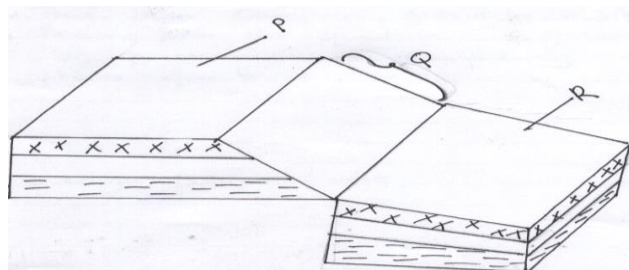
(c) **State four** factors which influence wind transportation in desert. (4mks)

(d) (i) **Name any two** resultant features of water action in arid areas (2mks)

(ii) Illustrate the formation of a Wadi. (4mks)

9. (a) (i) **Mention two** types of earth movements. (2mks)
(ii) **Give any two** forces responsible for the above movements (2mks)

(b) Use the diagram below to answer the question that follows.



Name the parts marked; (3mks)

P:

Q:

R:

(c) Using a well labeled diagram **describe** how the Rift valley was formed through the theory of compression (6mks)

(d) **Explain** the following types fault;

(i) Normal fault. (2mks)

(ii) Reversed fault. (2mks)

(e) You intend to carry out a field study in the Rift valley on features resulting from faulting.

(i) What preparation are you to make before the study? (3mks)

(ii) **List four** features that you are likely to identify. (2mks)

(f) **State any three** significances of faulting to human activities.
(3mks)

10. (a) (i) **State three** factors which affect the occurrence of underground water. (3mks)

(ii) **Outline three** conditions necessary for the occurrence of an artesian basin. (3mks)

(iii) Differentiate between a permanent well and an intermittent/seasonal well (4mks)

(b) (i) **List three** surface features of the karst landscape.(3mks)

(ii) **Explain** the difference between stalactites and stalagmites as used in karst scenery. (4mks)

(iii) **State two** significances of underground water to man.(4mks)

(c) Form four students from Mihi school set out for a field study on Karst scenery in Kilifi District. Why would it be necessary to carry out a pre-visit before the study? (4mks)

PP1 PROJECTION NO. 15

GEOGRAPHY

PAPER 1

TIME 2³/₄ HOURS

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) Candidates should check the question paper to ascertain that all the papers are printed as indicated and no questions are missing.
- (f) Candidates should answer the questions in English.

FOR EXAMINERS USE ONLY

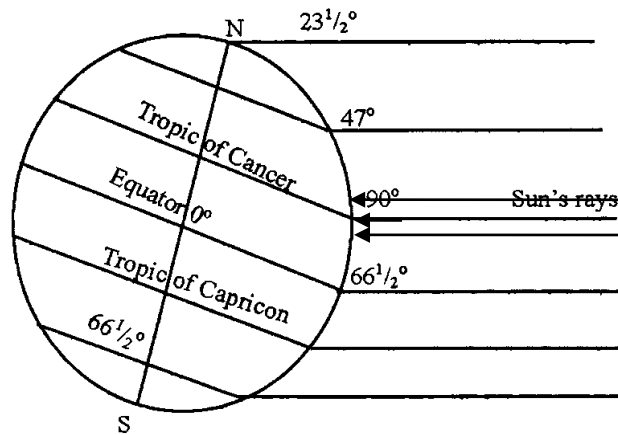
Question	Maximum score	Candidate's score
1-	80	

SECTION A

Answer all the questions in this section.

1. (a) State **two** differences between latitudes and longitudes (4mks)

(b) Study the diagram below and use it to answer questions b (i) and (ii).



(i) Name the type of the solstice shown in the diagram. (1mk)

(ii) Give the type of earth movement that result to the solstice shown in the diagram above. (1mk)

2. (a) Name **two** causes of earth movement. (2mks)

(b) State **three** evidences of continental drift theory. (3mks)

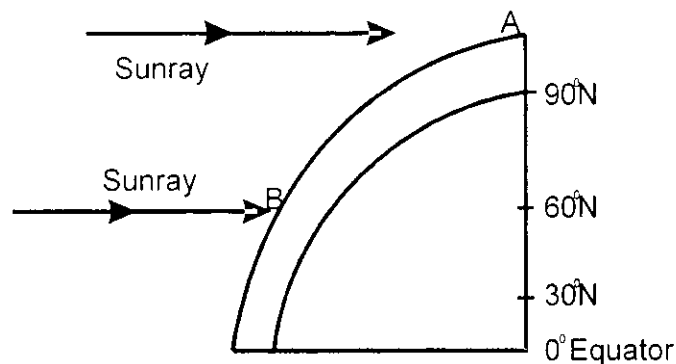
3. (a) Define the term **Negative lapse rate**. (2mks)

(b) State **two** reasons why temperature decreases with increase in altitude in the troposphere (4mks)

4. (a) List any **two** features resulting from extrusive volcanic activity (2mks)

(b) Outline **two** effects of vertical earth movement (2mks)

5. The diagram below represents sun's rays reaching different parts of the earth. Use it to answer the questions that follow.



State the reasons why region A experiences low temperatures than region B. (4 marks)

SECTION B

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

6. Study the map of Homa Bay 1:50000 (sheet 129/2) provided and answer the following questions.

(a) (i) Convert the representative fraction scale of the map extract into a statement scale. (1mk)

(ii) Give the six-figure grid reference of Gamba Dam. (1mk)

(iii) Measure the length of the road E117 from the junction in grid square 4841 to the boundary at grid square 5435 (2mks)

(iv) What is the longitudinal extent of the area covered by the map extract? (1mk)

(b) (i) Give **two** methods used in representing relief on the map extract. (2mks)

(ii) What is the approximate height of the Ruri hills at grid square 5138? (1mk)

(iii) Calculate the bearing of line X from Y shown on the map extract. (2mks)

(c) Using a vertical scale of 1cm to represent 50ft.

(i) Draw a cross-section of a pipe constructed between points Y and X (3mks)

(ii) On the cross-section, mark and name the following:

- Sigulu hill
- Loose surface road
- River Aochi (3mks)

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

(d) (i) Explain how relief has influenced settlement in the area covered by the map. (4mks)

(ii) Calculate the area enclosed by Lake Victoria. (3mks)

7. (a) State **four** causes of mechanical weathering (4mks)
- (b) (i) Describe the carbonation process of chemical weathering (3mks)
- (ii) Name **one** rock that can be weathered through the carbonation process (1mk)
- (iii) Name **two** features that can be formed on the earth's surface as the carbonation process of weathering takes place (2mks)
- (c) (i) What is an exfoliation dome? (2mks)
- (ii) Explain how an exfoliation dome is formed (3mks)
- (d) Explain any **five** significance of weathering. (10mks)
8. (a) What is a lake. (2mks)
- (b) (i) Name **two** types of lakes formed due to volcanicity. (2mks)
- (ii) Explain how Lake Victoria influences the climate of the . . . surrounding area. (6mks)
- (c) (i) State **three** main reasons why lakes within the Rift Valley . . . are salty. (3mks)
- (ii) Name any **three** fresh water lakes in Kenya which are . . . within the Rift Valley

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

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

9. (a) (i) State **two** ways in which wind erodes the surface of the earth in desert regions (2mks)

(ii) Explain **three** ways through which wind transports its load. (6mks)

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

(i) Zeugen (5mks)

(ii) Rock pedestal (5mks)

(c) (i) What is the name given to rocky desert in the Sahara. (1mk)

(ii) Explain **three** positive effects of desert features to both human and physical environment. (6mks)

10. (a) (i) Outline **two** causes of folding in crustal rocks. (2mks)

(ii) Name **three** types of folds. (3mks)

(b) (i) With the aid of labeled diagrams describe how fold mountains are formed. (8mks)

(ii) Explain significance of folding to human activities. (5mks)

(c) You intend to carry out a field study on features due to folding in a particular area. State three

reasons why it would be important for you to conduct a reconnaissance. (4mks)

PP1 PROJECTION NO. 16

GEOGRAPHY

PAPER 1

TIME 2³/₄ HOURS

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) Candidates should check the question paper to ascertain that all the papers are printed as indicated and no questions are missing.
- (f) Candidates should answer the questions in English.

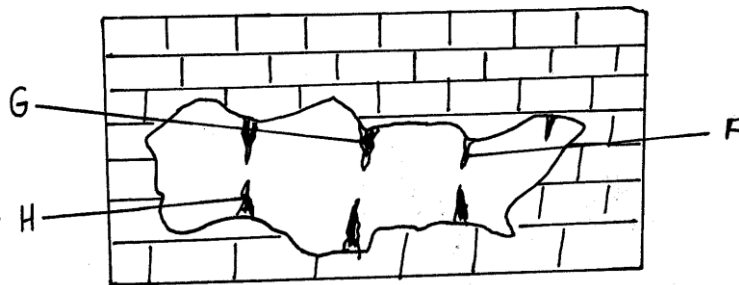
FOR EXAMINERS USE ONLY

Question	Maximum score	Candidate's score
1-	80	

SECTION A

Answer **all** questions in this section.

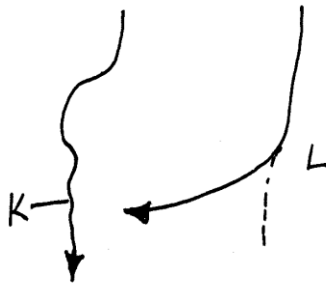
- 1 (a) Define the term “**Earth’s rotation**” (1 mark)
- (b) State **three** effects of the rotation of the earth. (3 marks)
- 2 (a) Name **two** causes of earth movements. (2 marks)
- (b) State **three** evidences that confirm the continental drift
theory. (3 marks)
- 3 (a) Define the term water table. (1 mark)



- (b) The diagram below shows a limestone cavern.
- (i) Name the features marked F, G and H. (3 marks)
- (ii) Give **two** characteristics of limestone rocks. (2 marks)

- 4 (a) Define the concept global warming. (2 marks)
- (b) Name three indicators of global warming. (3 marks)

- 5 (a) The diagram below shows a river capture, Name the parts marked **K** and **L**. (2 marks)



- (b) Describe how a lava dammed lake is formed. (3 marks)

SECTION B

*Answer Question 6 and any other **two** questions from this section*

6 Study the map of Kericho 1:50, 000 (sheet 117/ 4) and answer the following questions.

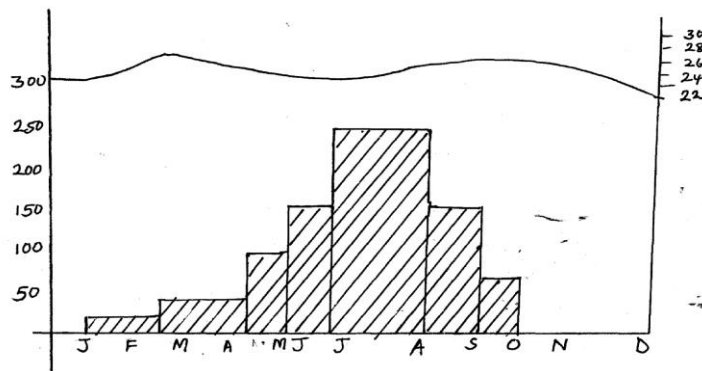
- (a)(i) What is the magnetic variation of the area shown on the .
map. (1 mark)
- (ii) Determine the attitude of the hill in grid square 6770 (2 marks)
- (iii) Measure the distance of the dry –weather road (E 222) from
function at grid reference 588634 to grid reference 529639.
(2 marks)
- (iv) Citing evidence from the map, identify and name three
social functions of Kericho Municipality (3mks)
- (b) Draw a square measuring 15cm by 15cm to represent the area
covered by the map.
- On it, indicate: (1 mark)
- (i) Kericho municipality. (1 mark)
- (ii) Ainabkoi – Lumbwa all weather road. (1 mark)
- (iii) Dimilitch / Timbili rivers. (1 mark)
- (iv) The forest (1mk)
- (c) Find the bearing of the quarry at grid square 6759 from the
factory at grid reference 610625. (2 marks)
- (d) Describe the drainage of the area covered by the map. (4 marks)
- (e) Citing evidence from the map, explain three factors that
favour settlements in the area covered by the map. (6 marks)

- 7 (a) List three ways in which wind erodes the desert landscape.
(3 marks)
- (b) With the aid of well – labeled diagram describe how the following desert features are formed.
- (i) Zeugen. (5 marks)
- (ii) Barchan. (5 marks)
- (c) Explain three factors that influence wind transportation in a desert. (6 marks)
- (d) A group of students carried out a study on wind effects in an arid area.
- (i) State three reasons why they would have required to map of the area. (3 marks)
- (ii) State three follow – up activities they may have made. (3 marks)

8(a)(i) Define fog. (1 mark)

(ii) How is an advection fog formed? (4 marks)

(b) The graph below represents the climate of station X. Use it to answer the questions that follow.



Describe characteristics of the climate represented. (6 marks)

- (c) Explain three ways in which vegetation in the station adapt to the climate. (6 marks)
- (d) Students carried out a field study on soils found on the station represented.
- (i) State four soil characteristics they would look for. (4 marks)
- (ii) Explain how they would use the following methods to collect data.
- Content analysis (2 marks)
 - Observation (2 marks)

- 9 (a) Name two types of faults. (2 marks)
- (b) With the aid of well labeled diagrams, describe how a rift valley is formed by Tensional Forces. (6 marks)
- (c) (i) Name two escarpments in Kenya. (2 marks)
- (ii) List three ways in which faulting can influence drainage. (3 marks)
- (d) Students of a school in Rift valley carried out a field study of an area affected by faulting.
- (i) State four importance of having a pre-visit of the area. (4 marks)
- (ii) Give three advantages of using observation to collect data. (3 marks)
- (iii) Give five importance of learning Geography through fieldwork. (5 marks)

10 (a) What is the difference between weathering and mass wasting.
(2 marks)

(b) Give two processes involved in each of the following types of weathering.

(i) Physical weathering. (2 marks)

(ii) Chemical weathering. (2 marks)

(c) (i) Apart from plants, give four other factors that influence the rate of weathering. (4 marks)

(ii) Explain two ways in which plants cause weathering.
(4 marks)

(d) Describe how an exfoliation dome is formed. (5 marks)

(e) Explain three effects of mass wasting on the environment. (6 marks)

END

PP1 PROJECTION NO. 17

GEOGRAPHY

PAPER 1

TIME 2³/₄ HOURS

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) Candidates should check the question paper to ascertain that all the papers are printed as indicated and no questions are missing.
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FOR EXAMINERS USE ONLY

Question	Maximum score	Candidate's score
1-	80	

SECTION A

Answer all questions in this section

1. a) Explain the origin of the earth and the solar system according to the Nebular cloud theory.(4mks)

b) Name **two** other theories that explain the origin of the earth and the solar system apart from the Nebular cloud theory.
(2mks)
2. a) List **two** zones of transition in the atmosphere. (2mks)

b) Give **three** evidences that the interior of the earth is hotter.
(3mks)
3. a) Define the following terms.

i) River divide (1mk)

ii) A confluence (1mk)

iii) A river profile (1mk)

b) List **three** factors that influence the formation of a river.
(3mks)
4. How is an oasis formed? (4mks)
5. List **four** characteristics of Mediterranean climate. (4mks)

SECTION B

Answer question six and any other two questions.

6. Study the map provided (Kericho sheet 117/4) and answer the following questions.

- a)i) Give a **six** grid reference for a trigonometrical station (117S 6A) located to the north of the area covered by the map. (1mk)
- ii) Name **two** man made features found in grid square 5662 (2mks)
- iii) Measure the length of the dry weather road E222 from the junction at Kipchimchim (grid reference 530640) to the junction with the all weather road in the grid square 5863 give your answer in kilometers (2mks)
- b) Using a scale of 1 cm to represent 50m, draw a cross section from grid reference 510570 to grid reference 560570 (4mks)
On it mark and name:-
 - i) a bridge (1mk)
 - ii) all weather road (1mk)
 - iii) municipal boundary (1mk)
 - iv) calculate the vertical exaggeration of the cross-section you have drawn. (2mks)
- c) Describe the relief of the area covered by the map. (4mks)
- d) Students from a school in the area represented by the map carried out a field study to Kericho Town.
 - (i) State **two** objectives of their study. (2mks)
 - (ii) Name **two** districts represented on the map. (2mks)
 - (iii) State the importance of the prior visit in field work.(3mks)

7. a) i) What is faulting? (1mk)
- ii) With the use of a well labeled diagram explain how a reverse fault occurs. (5mks)
- iii) State **two** other types of faults apart from reverse faults. (2mks)
- b) Describe how a rift valley forms through tensional forces. (4mks)
- c) Explain **three** ways in which features resulting from faulting are of economic importance to man. (6mks)
- d) You intend to carry out a field study of the landforms around your school.
- i) State **two** hypotheses you are likely to formulate for the . . . study. (2mks)
- ii) Apart from dividing your class into groups, in what . . . three other ways will you prepare for the study.
- ii) In what **two** ways is dividing the class into groups . . . important? (2mks)

8.a) i) Differentiate between intrazonal and azonal soils. (2mks)

ii) Give **three** examples of a zonal soils (3mks)

b) i) Explain **four** factors that influence soil formation. (8mks)

ii) Give **two** factors that determine the colour of soil (2mks)

c) i) What is soil erosion. (2mks)

ii) Explain **four** ways in which vegetation prevents soil . .
erosion. (8mks)

9a)i) Name a country in Africa where temperate grassland is found.
(1mk)

ii) State **four** characteristics of temperate grasslands. (4mks)

b) i) Explain **four** ways trees in the coniferous forests have
adapted to the environmental conditions of the region.
(8mks)

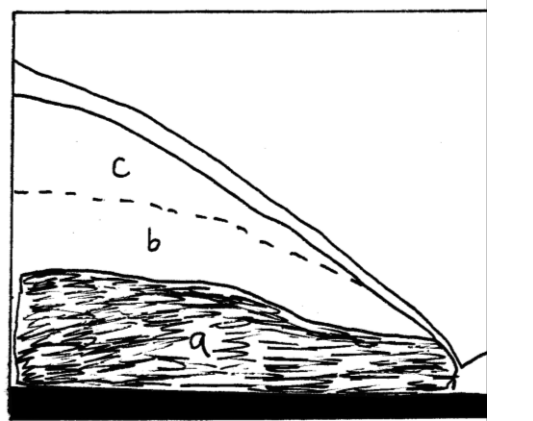
c) You are required to carry a field study on a forest near your
school. Describe the methods you would use to determine each
of the following aspects of the trees in the forest.

i) Age of the trees. (3mks)

ii) Height of the trees. (3mks)

iii) Tree species (3mks)

10. The figure below shows underground zones of saturation. Use it to answer question a (i)



- a) i) Identify the zones marked a, b, and c. (3mks)
- ii) Name **four** sources of groundwater. (4mks)
- b) Explain **four** ways in which groundwater is of significance to human activities. (8mks)
- c) i) Give **two** examples of lakes in East Africa that have formed due to crustal warping. (2mks)
- ii) Describe how the process of crustal warping leads to formation of lakes. (5mks)
- iii) State **three** other processes that lead to formation of lakes apart from crustal warping. (3mks)

PP1 PROJECTION NO. 18

GEOGRAPHY

PAPER 1

TIME 2³/₄ HOURS

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) Candidates should check the question paper to ascertain that all the papers are printed as indicated and no questions are missing.
- (f) Candidates should answer the questions in English.

FOR EXAMINERS USE ONLY

Question	Maximum score	Candidate's score
1-	80	

SECTION A

Answer all the questions in this section .

1.a) Name any **two** isothermic layers of the atmosphere. (2mks)

b) (i) State any **one** reason why the stratosphere experiences negative lapse rate. (2mks)

(ii) Name the weather instruments used in measuring the rate of evaporation in a weather station. (1mk)

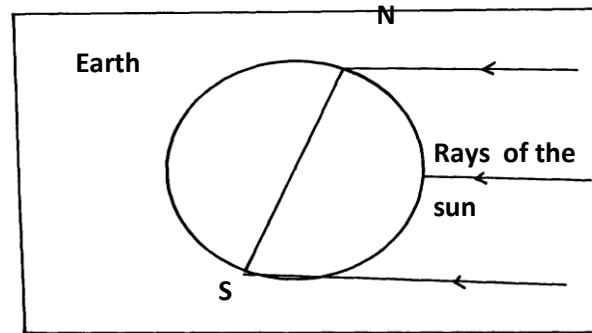
2. a) State **three** characteristics of the Mantle layer of the Earth. (3mks)

b) Give **two** reasons why the centre of the earth is very hot. (2mks)

3 a) Give any **two** landform due to chemical weathering. (2mks)

b) Briefly describe how climate influences the rate of weathering. (3mks)

4 a) The diagram below shows the position of the Earth during revolution. Use it to answer questions (a) (i) and (ii)



(i) Name the season experienced in the southern Hemisphere when the Earth is in this position. (1mk)

(ii) Name the latitude at which the sun is overhead when the Earth is in this position. (1mk)

b) Apart from causing day and night, state any three results of the Earth's rotation. (3mks)

5 a) Name **two** landforms likely to be found in the extensional plate boundaries. (2mks)

b) State any **three** proofs that support the theory of the drifting of continents. (3mks)

SECTION B

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

6. Study the map of Homa Bay (1:50,000) sheet 129/2 provided and answer the following question;

(a)(i) Give the grid reference for the point marked Y on the line YX.
(1mk)

(ii) Measure the distance along the main track (motorable) from GRID 440332 to GRID 480300 (2mks)

Give your answer in kilometers.

(iii) Give any **two** indices to the adjoining Sheet of the map extract.
(2mks)

(iv) Calculate the Magnetic declination of the map extract.(2mks)

b) (i) Draw cross section along the line marked YX use the vertical scale of 1cm rep 50m. (4mks)

(ii) Calculate:

- Vertical Exaggeration of the cross section. (2mks)
- The Gradient of the cross section. (2mks)

c) (i) Citing evidence from the map, give two factors influencing the . .
distribution of vegetation in this area covered by the map. (2mks)

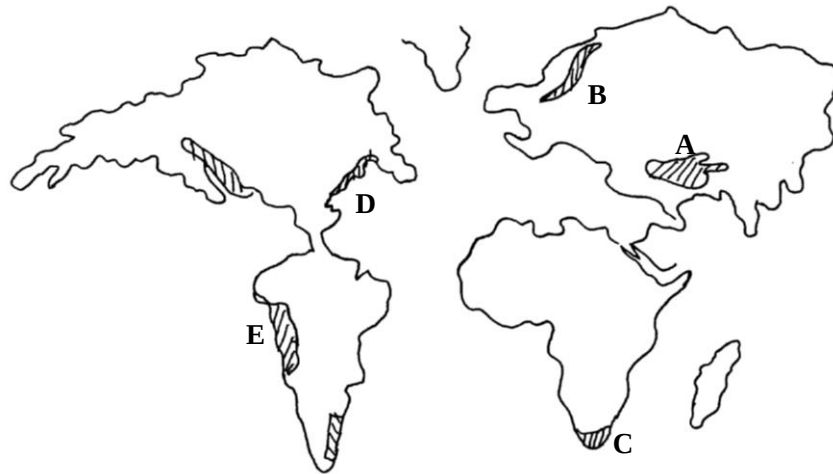
d) Students from Kisumu West Secondary schools carried out a field study in the area covered by the map.

(i) Which **two** depositional landforms did they identify in the lower . .
course of river Rangwena. (2mks)

(ii) State any **one** null hypothesis for the study. (1mk)

(iii) Which one method were they likely to use in presenting their
data. (1mks)

7 The diagram below shows world distribution of fold mountains



Use it to answer questions (a) (i) and (ii)

a) (i) Name the fold mountains marked **A,B,C,D** and **E** (4mks)

(ii) Which of the **two** fold mountains mentioned above were
formed during the Alpinian (young) fold mountain periods?(2mks)

b) (i) Briefly describe the process of fold mountain formations. (6mks)

(ii) Other than fold mountains name any three landforms due to . .
folding. (3mks)

c) State any **four** positive significance of folding. (4mks)

d) Students from Kisumu West schools carried out a field study on an area where folding had taken place.

(i) Give **three** reasons why it was necessary for them to make a working schedule. (3mks)

(ii) State any **one** objective for their study. (1mk)

(iii) Which **two** methods did they employ in data collection? (2mks)

8. a) (i) Distinguish between an ocean and sea. (1mk)

(ii) Give **two** reasons why some rift valley lakes are fresh. (2mks)

(iii) State **two** ways in which lakes influence the natural
.. environment. (2mks)

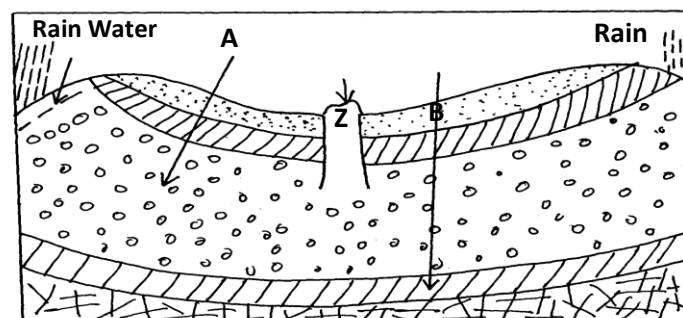
b) Explain how each of the following has affected lakes in Kenya .

(i) Deforestation. (2mks)

(ii) Industrialisation. (2mks)

(iii) Water weeds (2mks)

c) The diagram below shows an Artesian basin. Use it to answer questions C (i) and (ii)



(i) Name the type of rocks marked **A** and **B**. (2mks)

(ii) Name the well marked **Z**. (1mk)

(iii) Identify **three** levels of zones of saturation within
.. underground water. (3mks)

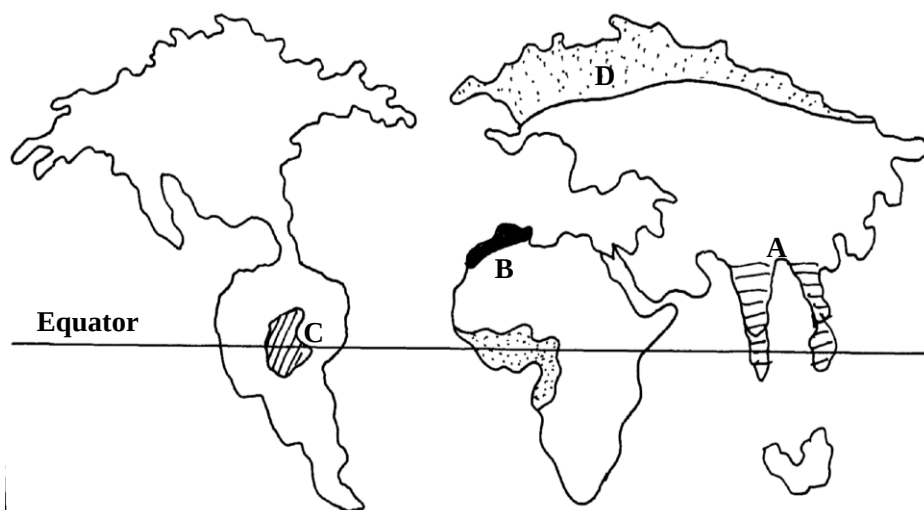
(iv) Explain any two ways in which a spring may form. (4mks)

d) Students from Ramogi secondary school carried out a field study
where underground water had been exposed.

(i) State **two** basic sources of water they may have observed.(3mks)

(ii) Give **two** reasons for carrying out a reconnaissance survey. (2mks)

9. The diagram below shows the world distribution of climate types
.Use it to answer questions (a)(i)and (ii)



a) (i) Name the climatic Regions marked A,B and D. (4mks)

(ii) State any **four** characteristics of the climate marked B (4mks)

b) (i) Identify any **three** types of cold climates. (3mks)

(ii) Briefly explain microclimate. (4mks)

c) (i) What is climate change? (2mks)

(ii) Study the table below and use it to answer questions (ii), (iii) and (iv)

Station Y

Months	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Temperature (oC)	28	28	27	26	23	21	21	21	23	26	26	27
Rainfall (mm)	277	213	256	107	56	33	31	28	20	132	135	234

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.
(2mks)

d)(i) Explain any **two** causes of Global warming. (4mks)

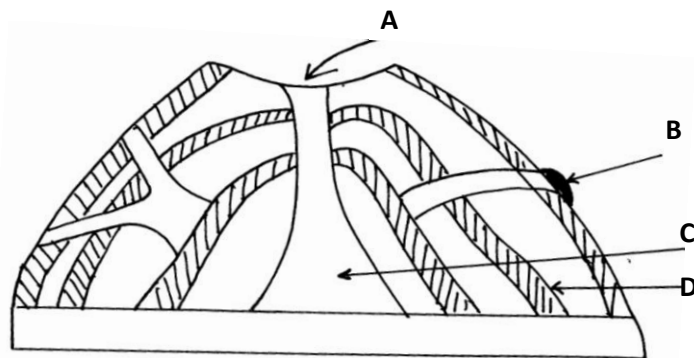
(ii) Name any **one** Greenhouse gases. (1mk)

10a) (i) With the help of a well labelled diagram describe the formation of the following intrusive landforms. (8mks)

- Lopolith
- Batholith

(i) Distinguish between vulcanicity and volcanicity. (2mks)

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



(i) Name the parts marked A,B ,C and D (4mks)

(ii) Identify the type of volcano represented by the diagram above. (1mk)

(iii) Explain how the above volcanic feature is formed. (4mks)

c) State **four** significance of vulcanicity. (4mks)

d) Students from Kisumu West district carried out a field study on vulcanicity within the District.

(i) What **two** problems did they encounter. (2mks)

PP1 PROJECTION NO. 19

GEOGRAPHY

PAPER 1

TIME 2³/₄ HOURS

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**.
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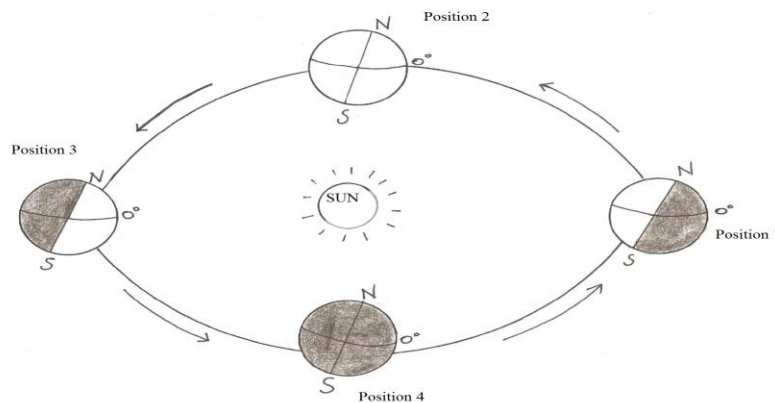
FOR EXAMINERS USE ONLY

Question	Maximum score	Candidate's score
1-	80	

SECTION A

Answer all the questions in this section

1. (a) State two effects of the rotation of the earth (2mks)
- (b) Study the diagram below and answer the questions that follow



- (c) Which movement of the earth is represented by the diagram (1mk)
 - (d) Give two effects of the movement represented by the diagram (2mks)
2. (a) What is a metamorphic rock? (2mks)
 - (b) Complete the table below (3mks)

Original rock	Through metamorphism changes to:
clay	
sandstone	
limestone	

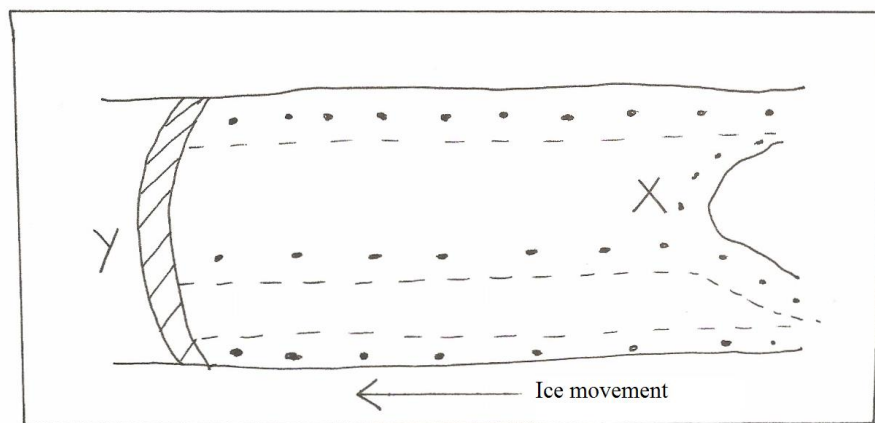
3. (a) Name 2 major types of earth movement that occurs within the . . .
earth crust (2mks)

(b) State 3 ways in which the earth's crust is affected by
earthquakes (3mks)

4. (a) Name the three classes of soils based on historical
development (3mks)

(b) What is soil pH? (2mks)

5. Use the diagram below to answer question (a) and (b)



(a) Name the type of movement marked X and Y (2mks)

(b) Explain how the moraine marked Y is formed (3mks)

SECTION B

Answer Question 6 and any two other questions from this section)

6. Study the map of Nkubu (1:50000) sheet 122/1 provided and answer the following questions

(a) Name two man-made features found in grid square 5886.

(2mks)

(b) (i) Describe the distribution of the population at the area enclosed by Easting 56 and 60 and to the South of northing 90. (2mks)

(ii) State three factors that are likely to have influenced the distribution of the population of the area covered by the map (3mks)

(c) (i) What was the direction of the school at Mutiokarina from the trigonometrical station at the grid square 5689?

(2mks)

(ii) Citing evidence from the map explain four factors that may have led to the growth of Kanyakine market(8mks)

(d) (i) Sketch the area bordered by Eastings 40 and 45 and Northing 83 and 90 in the same length and width as it appears on the map indicating the four figure grid reference for each corner (4mks)

(ii) On the sketch map mark and label the following features:

- Thunguru hills forest (1mk)
- Dry weather road (1mk)
- Marungurune school (1mk)
- Kithangari church (1mk)

7. (a) Name three types of faults (3mks)

(b) (i) With the aid and of well-labelled diagrams, explain how tensional forces can lead to the formation of a Rift Valley

(7mks)

(ii) Give two examples of escarpments in East Africa (2mks)

(c) Explain four ways in which features resulting from faulting are of economic importance (4mks)

(d) You intend to carry out a field study on the landforms resulting either near your school or somewhere else

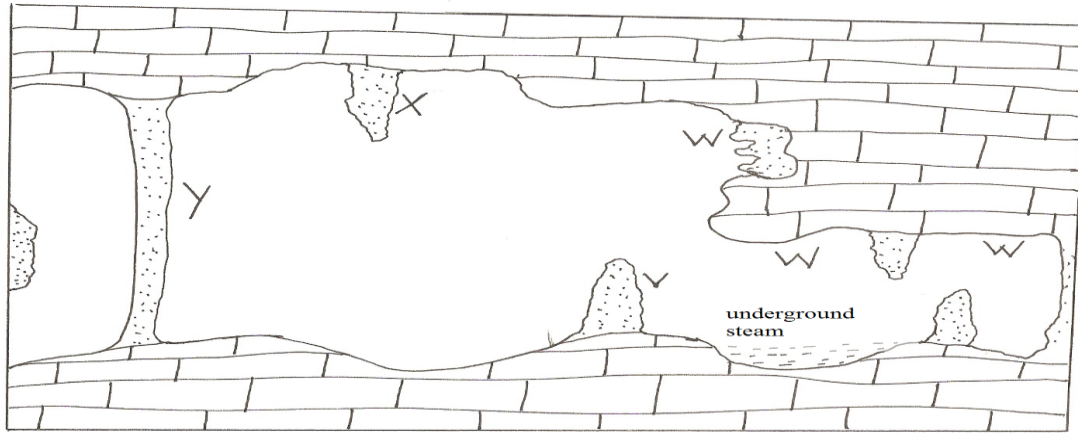
(i) State two objectives of such a study (2mks)

(ii) State two hypotheses for the study (2mks)

- (iii) State two methods you would use to record the information you would collect (2mks)
 - (iv) What problems are likely to be faced during such a study (3mks)
8. (a) (i) Define natural vegetation (1mk)
- (ii) State four characteristics of national vegetation found in tropical rain forests(4mks)
- (b) Explain four ways in which vegetation found in arid areas adapts to environmental conditions of the region (8mks)
- (c) Write the names of the grasslands found in the following areas (3mks)
- (i) East Africa
 - (ii) Canada
 - (iii) Argentina
- (d) (i) Give two reasons why Tundra region has scanty vegetation (2mks)
- (ii) State two topographical factors that influence vegetation distribution (2mks)
- (e) State five economic importance of vegetation (5mks)

9. (a) What is a river capture? (2mks)
- (b) State four ways in which a river transport the load (4mks)
- (c) Explain how each of the following factors determine the . . .
volume of run-off (2mks)
- (i) Amount and duration of rain fall (2mks)
 - (ii) Vegetation cover (2mks)
 - (iii) Permeability of the ground (2mks)
- (d) A form 4 geography class is planning to carry out a field study of a water fall near their school.
- (i) State nine ways in which they would prepare for the study (9mks)
 - (ii) Give four methods they would use to collect information at the water fall (4mks)

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



- (a) (i) Name the features marked X, V and W (3mks)
- (ii) Describe how the feature marked Y is formed(6mks)
- (b) (i) What is an artesian basin (2mks)
- (ii) Explain 3 factors which influence the formation of . . .
features in limestone areas (6mks)
- (c) You are supposed to carry out a field study of an area eroded by water
- (i) Give 3 reasons why you would need a map of the area of study (3mks)
- (ii) Name 2 erosional features you are likely to identify during the field study (2mks)
- (iii) State three recommendations that you would make from your study to assist the local community to rehabilitate the eroded area(3mks)

PP1 PROJECTION NO. 20

GEOGRAPHY

PAPER 1

TIME 2³/₄ HOURS

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) Candidates should check the question paper to ascertain that all the papers are printed as indicated and no questions are missing.
- (f) Candidates should answer the questions in English.

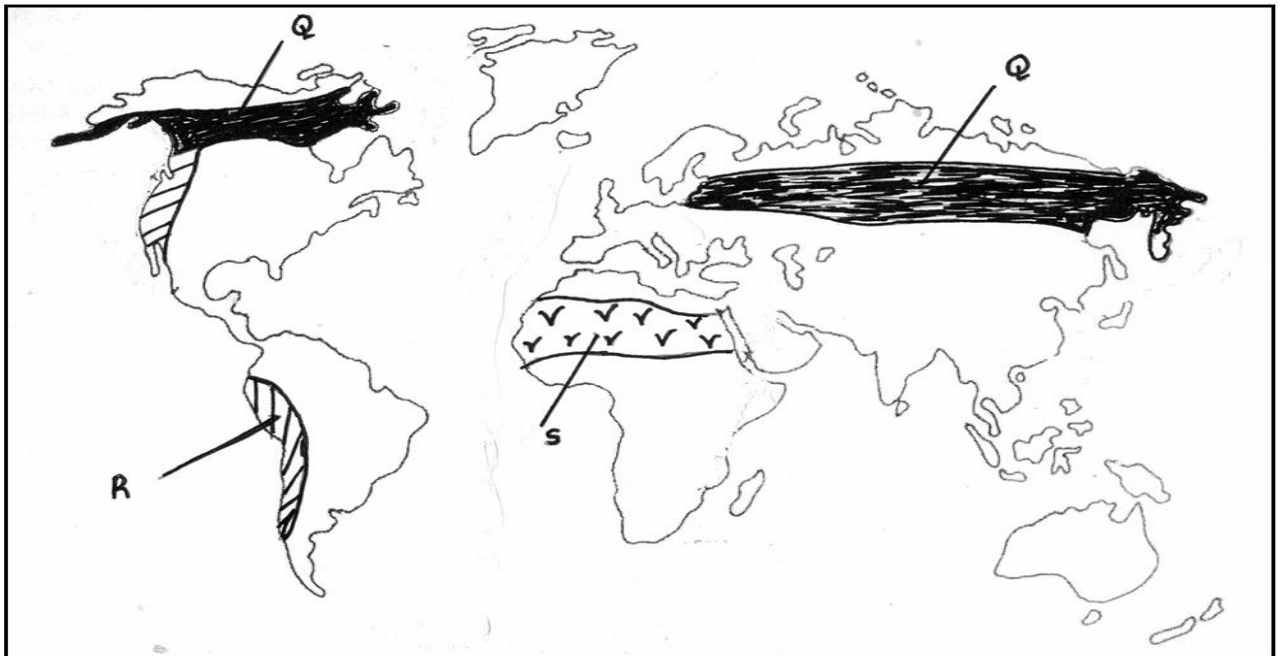
FOR EXAMINERS USE ONLY

Question	Maximum score	Candidate's score
1-	80	

SECTION A

Answer all questions in this section.

- 1 (a) What is glaciations? (1 mark)
(b) State **four** factors that determine the rate at which ice moves (4 marks)
- 2 (a) With the aid of a diagram, show how the earth moves around the sun (3 marks)
(b) State **two** effects of the earth's rotation. (2 marks)
3. Study the sketch world map below and answer the questions that follow.



- a) Identify the type of vegetation zones marked Q, R and S.
- i) Q..... (1mk)
 - ii) R..... (1mk)
 - ii) S..... (1mk)
- b) Identify two types of tree species found in the area marked Q
(2mks)
4. a) What is climate change? (1mk)
- b) State four human causes of climate change. (4mks)
5. a) Differentiate between a spring and a well. (2mks)
- b) Name three sources of underground water. (3mks)

SECTION B

*Answer Question 6 and any other **two** questions from this section*

Study the map of Kericho provided and answer the questions that follow.

- 6 a) i) Give the altitude of the lowest point in the area covered by the map. (1mk)
- ii) From the map marginal information, give the magnetic variation as at January 1970. (2mks)
- b) i) Using a scale of 1cm to represent 50m draw a cross-section between grid reference 540700 and 610700 on the cross-section show;
- a river
 - motorable track (5mks)
- ii) Calculate the vertical exaggeration of the cross-section. (2mks)
- c) Describe the relief of the area covered by the map. (5mks)
- d) Citing evidence from the map describe the climate of the area covered by the map. (6mks)
- e) Citing evidence from the map, name four economic activities carried out in the area covered by the map. (4mks)

7. a) What is aridity? (1mk)
- b) State three reasons why wind is a major agent of land . .
sculpture in the desert. (3mks)
- c) With the aid of well labeled diagrams describe how the . .
following features are formed.
- i) Deflation hollow. (5mks)
- ii) A barchan. (5mks)
- d) Give three characteristics of a seif dune. (3mks)
- e) Determine the factors influencing transportation of materials
in the desert. (3mks)
- f) You are undertaking a field study on desert landscape;
- i) Identify three erosional features you could .
observe.(3mks)
- ii) Give two reasons why you required a route map.(2mks)

8. a) Study the table below and answer the questions that follow.
Fill in the blank spaces.

Original Rock	Metamorphic Rock
-	GNEISS
AUGITE	-
-	MARBLE

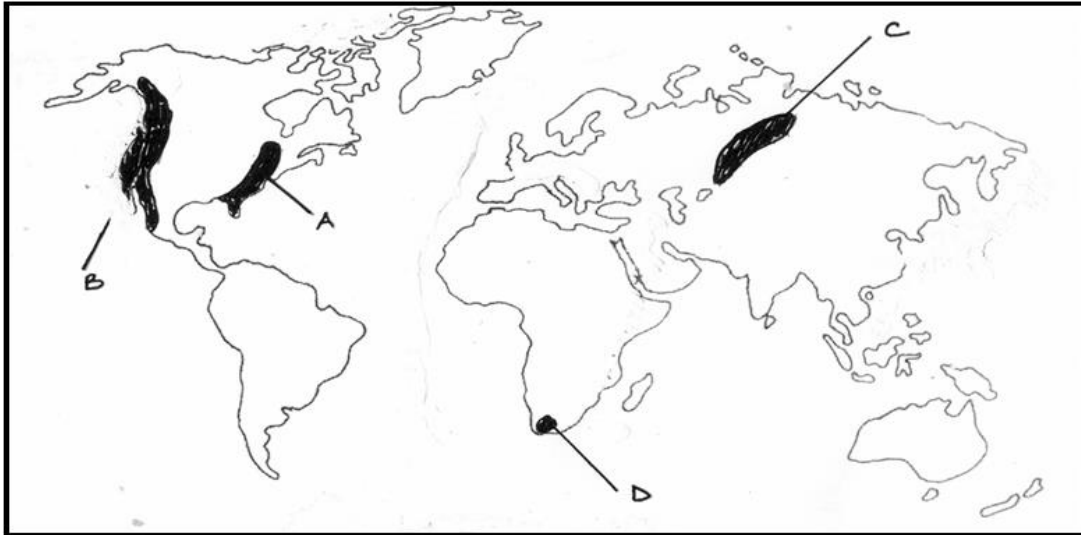
(3mks)

- b) Name three types of rocks that are found in Western Kenya and Nyanza. (3mks)
- c) Describe the formation of mechanically formed sedimentary rocks. (8mks)
- d) State six significances of rocks to man. (6mks)
- e) You carried out a field work study on sedimentary rocks around your school.
- i) Name two methods of data recording that you used. (2mks)
- ii) What was the importance of the route map that you prepared? (3mks)

9. a) What is folding?

(1mk)

b) Study the world map below and answer the questions that follow.



i) Name the Fold Mountains found in the area marked A, B, C, D.

A - (1mk)

B - (1mk)

C - (1mk)

D - (1mk)

- c) Describe the formation of Fold Mountain under the following theories
- i) Contraction theory (3mks)
 - ii) Convectional currents theory. (3mks)
- d) Explain three significance of folding to both physical and human environment. (6mks)
- e) Using diagrams describe the formation of rift valley by Tensional forces. (6mks)
- f) Name two features resulting from faulting. (2mks)
10. a) i) Define the term mass – wasting. (1mk)
- ii) Name three types of Rapid Mass wasting. (3mks)
- b) Describe three ways in which soil creep occurs. (6mks)
- c) Identify four underground features found in a Karst scenery. (4mks)
- d) With the aid of a well labeled diagram, describe the . . . formation of stalagmite. (6mks)
- e) State five conditions necessary for the formation of a Karst scenery or Karstic .(5mks)

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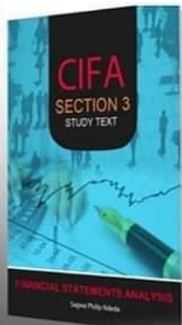
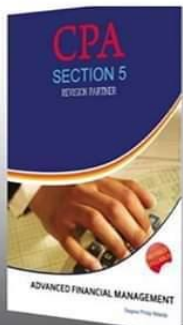
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