

MARAKWET WEST DISTRICT

312/1

GEOGRAPHY

Paper 1

July/August - 2015

Time: 2 ³/₄ Hours

INSTRUCTIONS TO CANDIDATES

- a) Section A is compulsory for every candidates. In Section B answer question 6 and any other two questions.

SECTION A (25 MARKS)

1. a) Mention Two branches of Geography (2mks)
b) State Three reasons why geography is taught in Kenya. (3mks)
2. a) Define the term orbit. (2mks)
b) Outline Three characteristics of the earth's core. (3mks)
3. a) Give the difference between plutonic and volcanic igneous rocks. (2mks)
b) Mention Two types of igneous rocks according to the depth under the earth's surface. (2mks)
4. a) Outline the factors influencing the rate of weathering of rocks in Kenya's Highland areas. (3mks)
b) Mention Two features formed as a result of weathering of rocks. (2mks)
5. a) Name Two kinds of desert landscapes (2mks)
b) With an aid of well labeled diagrams explain the formation of an oasis. (4mks)

SECTION B

Answer question 6 and any other two in these section.

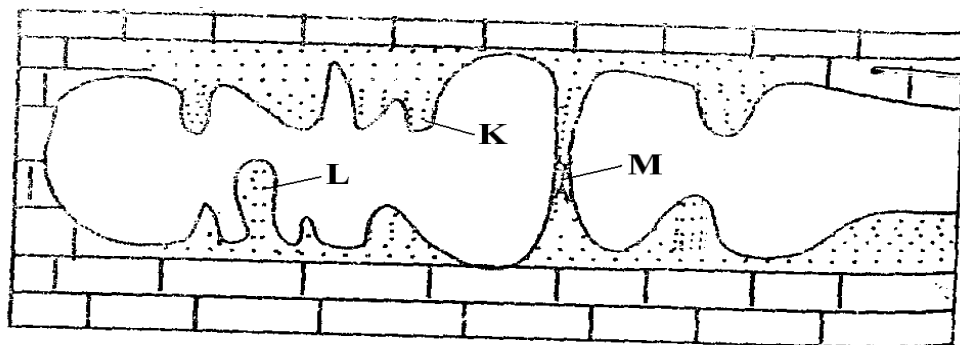
6. Study the map of Kitale (1:50,000) sheet 75/3 provided to answer the questions which follow.
- a) What is the longitudinal extent of the area covered by the map. (2mks)
 - b) Give the six figure grid reference of the top most part of Rogurr hill (2mks)
 - c) Measure the length of the all-weather road from the junction at grid reference 239286 towards the Southern part heading to Kitale, give your answer in Kilometers. (2mks)
 - d) On the graph provided draw a square measuring 10cm by 10cm to represent the area bound by easting 40 and 50 and northings 22 and 32. On your square show the following. (1mk)

- i) Kobolet owes (1mk)
- ii) Natural Forest (1mk)
- iii) Rogur hill (1mk)
- iv) District boundary (1mk)

- e) What is the general direction of Kipsain club at grid reference 3121 from the Dip at grid reference 2826. (2mk)
- f) Examine the factors influencing settlement in the area covered by the map (5mks)
- g) Describe the relief of the area covered by the map of Kitale. (5mks)
- h) Show Three characteristics of drainage in the area covered by the map (3mks)

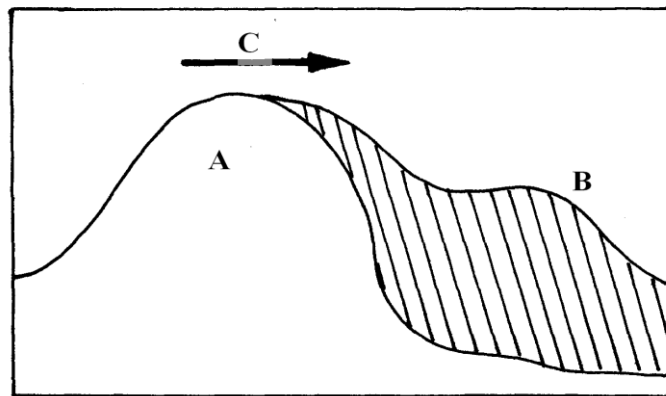
- 7.
- a)
 - i) Differentiate between oceans and seas (2mks)
 - ii) State Four causes of ocean currents (4mks)
 - iii) Explain Three reasons why oceans heat up more slowly than landmasses (6mks)
 - b) Explain Four ways Kenya has benefited from coasted landforms (8mks)
 - c) Students of Lawitch High School carried out a field study along the coast of Kenya.
 - i) Give Two hypothesis for the study (2mks)
 - ii) Outline three recommendations that they would make from the study to assist the local community. (3mks)

- 8.
- a) State the conditions necessary for the formation of a Rock cuesta (4mks)
 - b) Mention Two factors which influence the occurrence of underground water. (2mks)
 - c) State Three factors which influence the formation of landforms in a limestone area. (3mks)
 - d) Use the diagram below to answer the questions that follow.

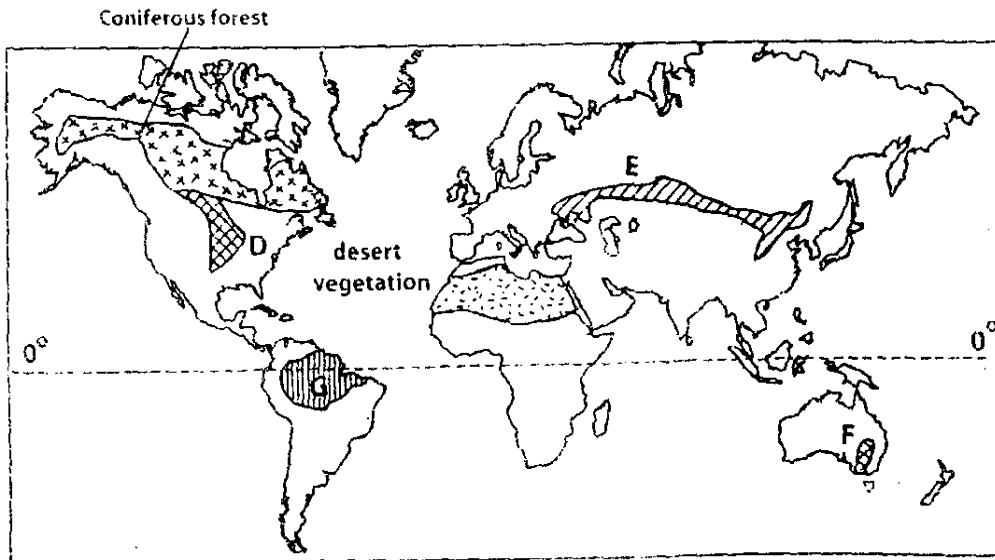


- i) Mention the features marked K, R and M (3mks)
- ii) Briefly explain the formation of feature marked M (6mks)

- e) Outline one major characteristics of Karst scenery (1mk)
- f) Elucidate Three economic significance of under ground water. (6mks)
- 9. a) Outline three factors which influence glacial erosion. (3mks)
- b) Describe three processes which glacier uses to erode the landscape. (6mks)
- c) Name three features formed through glaciation in highland areas. (3mks)
- d) Use the diagram below to answer the questions which folloe.



- i) Mention the process marked C (1mk)
- ii) Name the features marked A and B (2mks)
- e) With the aid of diagrams explain the formation of the above feature. (6mks)
- f) Explain the economic importance of glaciation in highland areas. (4mks)
- 10. a) State Three factors which influence the distribution of vegetation. (3mks)
- b) Name Three low / and forests in Kenya along the coastal region of Kenya. (3mks)
- c) The diagram below shows the vegetation regions of the world use it to answer the questions which follow



- i) Name the temperate grassland marked E, D and F. (3mks)
- ii) Describe the characteristics of the vegetation found in the shaded region marked G. (4mks)
- iii) Apart from the grasslands marked E, F and D mention any other grasslands vegetation in the world. (2mks)

- d) Explain the roles of vegetation either in controlling or exacerbating global warming and climate change. (6mks)

- e) Students of Kapcherop boys secondary school wanted to conduct a field study on vegetation in Cherangany forest.
 - i) State the ways in which they will identify different plants (2mks)
 - ii) Apart from identifying different types of plants mention two other activities they had to conduct during the study. (2mks)

MARAKWET WEST DISTRICT

312/2

GEOGRAPHY

Paper 2

July/August - 2015

Time: 2 ½ Hours

INSTRUCTIONS TO CANDIDATES

- a) In section A, you are required to attempt all the questions.
- b) In Section B answer question 6 and any other two questions.

SECTION A

- 1. a) State Three physical factors that influence agriculture. (3mks)
b) State two economic factors that influence agriculture (2mks)
- 2. a) What are floods? (2mks)
b) Name three rivers in Kenya which cause large scale flooding. (3mks)
- 3. a) State three differences between natural forests and man-made forests (3mks)
b) Name any four industries associated with forestry. (2mks)
- 4. Describe how minerals are obtained through dredging method on lake Magadi. (5mks)
- 5. a) Define the following terms.
i) Hinterland (1mk)
ii) Urban sprawl (1mk)
b) State three physical factors which influence the location of settlements (3mks)

SECTION B

- 6. The table below shows production of different crops in 0000kg in 5yrs.
Study it and answer the questions that follow

CROP	Amount in 0000kg				
	1978	1979	1980	1981	1982
Coffee	1000	990	870	850	840
Tea	750	700	650	700	600
Pyrethrum	300	250	350	400	450
Cotton	500	450	550	600	350

- a)
 - i) Using a scale of 1cm to represent 250,000kg draw a compound bar graph to represent the above data. (9mks)
 - ii) Give Two other statistical methods that are suitable to represent the above data. (2mks)

- b) Comment on the trend of
 - i) Coffee over the period (1mk)
 - ii) Pyrethrum over the period (1mk)

- c)
 - i) State three physical factors that favour coffee growing in Kenya. (3mks)
 - ii) Explain three ways through which the Government of Kenya assists small scale coffee farmers. (6mks)

- d) Outline three ways through which the Brazilian Government responds to the problems facing coffee industry in Brazil. (3mks)

- 7.
 - a)
 - i) Differentiate between quinquennial and decennial census. (2mks)
 - ii) List three types of information that is obtained from a census. (3mks)

 - b) Give Four characteristics of a countrys population which is represented by a population pyramid that has a broad base. (4mks)

 - c) Explain Four factors that have led to high population in Kenya. (8mks)

 - d) Explain Four causes of rural-rural migration in Kenya. (8mks)

- 8.
 - a) Name Four oil producing countries in Africa. (4mks)

 - b) Draw a well labeled diagram to show .
 - i) the occurrence of oil in the rock structure (6mks)
 - ii) location of an oil derrick (1mk)

 - c) Give four reasons why Kenya imports her oil in a crude form. (4mks)

 - d) Explain five ways in which the non-oil producing countries in Africa can reduce their overdependence on oil as a source of energy. (10mks)

9. a) Name two agricultural non-food processing industries in Kenya. (2mks)
- b) State four benefits which a country may derive from industrialization. (4mks)
- c) Explain four factors that led to the development of iron and steel industry in the Rhur region. (8mks)
- d) State five ways in which Kenya has benefited from assembling motor vehicles locally (5mks)
- e) Give six reasons why Kenyan government encourages establishment of Jua Kali Industries. (6mks)
10. a) i) Differentiate between land reclamation and land rehabilitation (2mks)
- ii) Give Four methods that are used to reclaim and rehabilitate land in Kenya. (4mks)
- b) i) Name Two crops grown in the Perkerra irrigation scheme (2mks)
- ii) State Three physical factors that led to the establishment of Perkerra irrigation scheme. (3mks)
- c) Explain Four problems experienced in irrigation farming in Kenya. (8mks)
- d) Explain Three differences between land reclamation in Kenya and in the Netherlands. (6mks)