312/1
GEOGRAPHY
PAPER 1
PRE-MOCK EXAM
MARCH 2015
TIME: 2 ½ HOURS

NAME ---**ADM NO** ----------------- **CLASS**-------

INDEX NO ------------------------------------- **SIGNATURE** ---------------------------------

Instructions

1. Attempt all the questions
2. The paper comprises of two sections A and B
3. Use the spaces provided to answer section A.
4. Use separate foolscaps to answer each question in section B.

SCORE SHEET	
SECTION A	
QUESTION 6	
QUESTION 7	
QUESTION 8	
TOTAL	

SECTION A

Answer all the questions in this section

1.a) State two forces that shape the surface of the earth. (2mks)

b) State three characteristics of the crust. (3mks)

2. Describe how exfoliation dome is formed. (5mks)

3. a) Distinguish between a coast and a shore. (2mks)

b) State three conditions necessary for the formation of a spit. (3mks)

4. a) State three ideal conditions for the formation of an artesian well (3mks)

b) Give two ways in which underground water may reach the earth surface. (2mks)

5.The diagram below shows vegetation zones on a mountain slope. Use it to answer question (a)

a) Identify the vegetation zones marked P and Q (2mks)

b) State three characteristics of savanna vegetation. (3mks)

SECTION B

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

6. Study the map of Belgut sheet 117/3 and the following questions.

a i) Give the six figure grid reference for Teldet school in the North. (2mks)

ii) What is the approximate area of Homa Bay district found on the map extract. (2mks)

b) i) Give the direction and bearing of Mindililwet school from Chebirbei junction. (2mks)

ii) Measure the distance of river Sondo from Northing 50 to the end in the West. (2mks)

c. Draw a rectangle representing the area West of Easting 30 and North of Northing 50. (2mks)
On it mark and name the following:

i)	River Sondo	(1mk)
ii)	Sikowon hill	(1mk)
iii)	Iii)All weather road bound surface.	(1mk)
iv)	Papyrus swamp	(1mk)

d) i) Citing evidence from the area covered by the map, name any 2 social activities taking place in Kebenet. (2mks)

ii) Give two uses of river Sondo in the area through which it flows. (2mks)

iii) Explain 3 factors that have influenced the growing of Tea in area covered by the map (use evidence) (6mks)

iv) Name two types of settlement found at grid 2457. (1mk)

7. Study the map of Kenya showing faulting and answer the questions below.

a. i) Name the features marked 1, 2 (2mks)

ii) Name the scarps 3, 4 and 5 (2mks

iii) Name the lakes marked 7, 8 (2mks)

b) i) State three characteristics of the Rift Valley. (3mks)

ii) Using relevant diagrams, describe how a horst (fault block) was formed by Tensional forces. (5mks)

c. You carried out a field study in the region above on the effects of faulting on human activities.

i) State one hypothesis of your study. (1mk)

ii) State three problems you experienced during the study. (3mks)

iii) State three finding on the positive effects of faulting on human activities. (3mks)

iv)State three follow up activities you engaged in. (3mks)

8.a) i) Distinguish between soil profile and soil catena. (2mks)

ii) State two importance of minerals (inorganic matter) in the soil. (2mks)

b. i) Explain how the following factors influence soil formation:

   a) Climate (3mks)
   b) Living organism (3mks)

c) Describe calcification as a leaching process in soil formation. (3mks)

d) i) What is soil degeneration? (1mk)

ii) Identify two types of soil degeneration. (2mks)

e) Explain three ways in which vegetation protects the soil from degeneration. (6mks)

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312/2
GEOGRAPHY
PAPER 2
PRE-MOCK EXAM
MARCH 2015
TIME: 2 ½ HOURS

Instructions

1. The paper comprises two sections A and B.

2. Answer the questions in section A in the spaces provided.

3. In section B, answer each question on separate foolscaps.

4. Attempt all the questions.

SECTION A	
QTN 6	
QTN 7	
QTN 8	
TOTAL	

SECTION A

1.a) Name two tree species of high commercial value in a coniferous forest. (2mks)

 b) State three characteristics of Tropical hardwood forests which hinder exploitation. (3mks)

2. State two factors that influence exploitation of minerals. (2mks)

b) Describe how soda ash is extracted in Lake Magadi. (3mks)

3.a) i) Distinguish between population distribution and population density. (1mk)

ii)What is dependency ratio? (1mk)

b)State three reasons for reduced fertility rate in Kenya. (3mks)

4. a) i)Name two dairy cattle breeds reared in Kenya. (2mks)

b)State three differences between beef farming in Argentina and Kenya. (3mks)

5.a)Give two advantages of wood as a source of fuel. (2mks)

b)State three conditions necessary for the formation of Oil. (3mks)

SECTION B

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

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

a)i) Draw a comparative line graph showing the exports from 1982 to 1984 using a vertical scale of 1:10 million and horizontal scale. (8mks)

ii) State three disadvantages of this graph experienced during the construction. (3mks)

b) i) Define balance of trade. (2mks)

ii) Calculate the balance of trade for Kenya 1984. (2mks)

c. i) Name two major exports and two major imports of Kenya. (4mks)

ii)Give three reasons for the nature of Kenya's balance of trade from the table above. (3mks)

d) State three measures the government has taken to achieve a favourable balance of trade.

7.a) i) Name two provinces in Canada where wheat is grown. (2mks)

ii) Explain four physical factors favouring wheat growing in Kenya. (8mks)

b) Compare wheat farming in Kenya and Canada under the following headings:

- cultivation (2mks)
- harvesting (2mks)
- marketing (2mks)

c. i) Explain three human and economic problems facing wheat farming in Canada. (6mks)

ii) State three importance of wheat farming in Canada. (3mks)

8.a.i) Name two countries found in the north West pacific fishing ground. (2mks)

ii) Explain four physical factors that favour fishing in the above fishing ground. (8mks)

b) Describe the following methods of fishing:

i) drifting (4mks)
ii) purse seine (4mks)

c) compare fishing in Kenya and Japan under the following sub-headings:

    i)   fishing ground (2mks)
    ii)   climate (2mks)

d) State 3 significance of fishing to the economy of Kenya. (3mks)