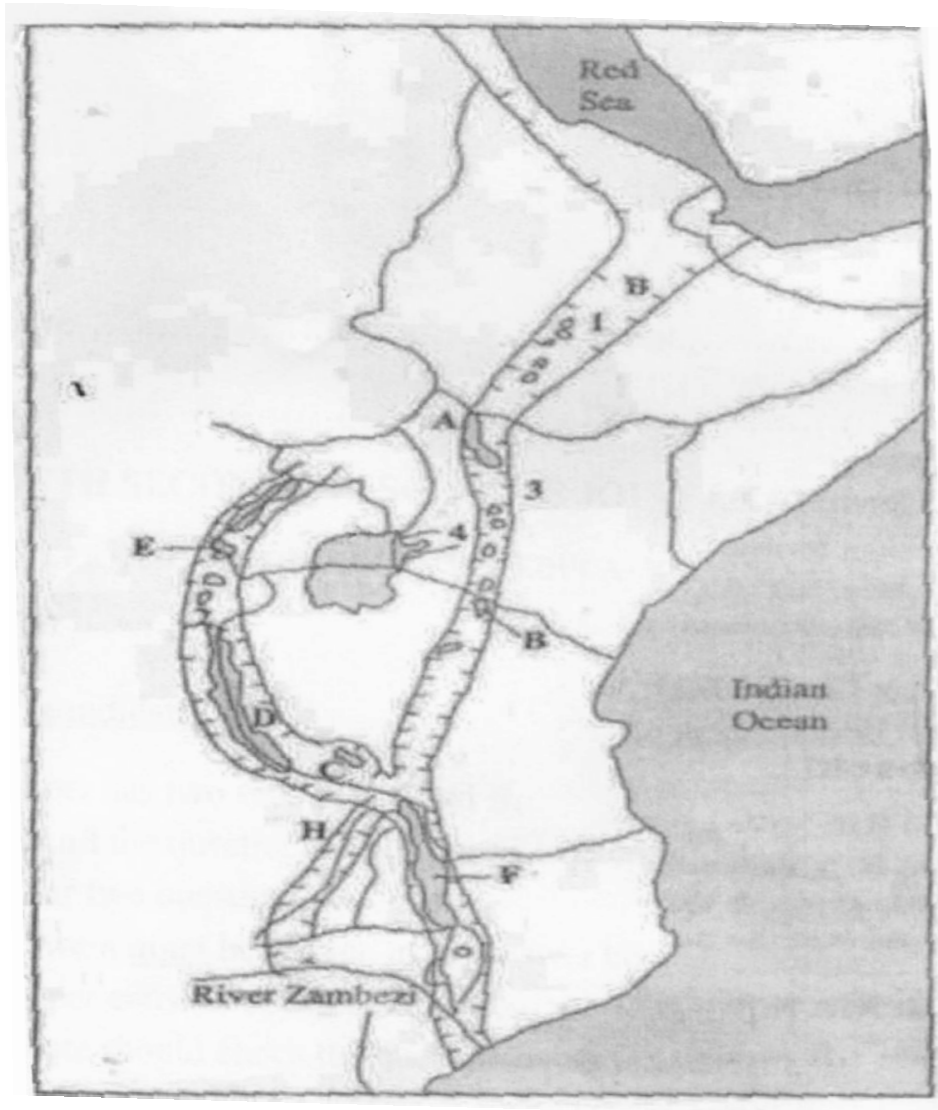


10. a) Differentiate between faulting and folding. (2 marks)
- b) i) Define a Rift Valley (2 marks)
- ii) With an aid of a well labelled diagram, describe the formation of Rift Valley through tensional force (8 marks)
- (c) Use the diagram below to answer the following questions.



- i) Name the Rift Valley marked 1 and 3. (2 marks)
- ii) Identify the Lakes marked A, E and D. (3 marks)
- d) i) Name two escapements in Kenya (2 marks)
- (ii) Explain three effects of faulting to human environment. (6 marks)

NNAME INDEX NO.

SCHOOL SIGNATURE

DATE

312/1
GEOGRAPHY
PAPER 1
JULY/AUGUST 2015
2 ¾ Hours

NAROK SOUTH DISTRICT JOINT EVALUATION EXAMINATION
Kenya Certificate of Secondary Education (K.C.S.E)
GEOGRAPHY
PAPER 1

INSTRUCTIONS TO CANDIDATES

This paper has two sections: **A** and **B**
 Answer all the questions in section A. In section B answer question 6 and any other two questions.

All answers must be written in the answer booklet provided

This paper consists of 4 printed Pages

Candidates should check the question paper to ensure that all the pages are printed as indicated and no questions are missing.

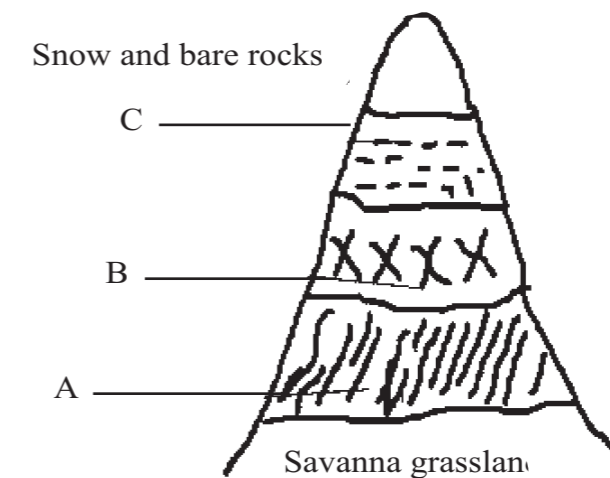
1. (a) Define environment. (2 marks)
(b) Give **three** areas of study in physical geography. (3 marks)
2. (a) Give **two** reasons why the polar region experience cold conditions. (2 marks)
(b) State **three** effects of the earth's revolution. (3 marks)
3. (a) Give **two** importance of moisture in the atmosphere. (2 marks)
(b) State **three** factors that affect the temperature of a place. (3 marks)
4. (a) State **three** forms of metamorphism in rocks. (3 marks)
(b) Outline **three** uses of rocks. (3 marks)
5. (a) Differentiate mass wasting and mass movement. (2 marks)
(b) Explain why weathering is more in the equatorial region than the desert. (2 marks)

SECTION B

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

6. Study the map of Migwani 1:50,000 (sheet 151/1) provided and answer the following questions
 - (a) (i) Identify **two** methods used to describe the relief of the area covered by the map (2 marks)
(ii) What is the bearing of the air photo principal at the grid square 0077 from air photo principal at grid square 0580. (2 marks)
(iii) Name the district in the area covered by the map. (1 mark)
 - (b) (i) Give **two** types of natural vegetation in the area covered by the map. (2 marks)
(ii) Name **two** man-made features at grid square 0963. (2 marks)
 - (c) Describe the relief of the area covered by the map. (6 marks)
 - (d) Describe the characteristic of the long profile of river Ikoo (6 marks)
 - (e) Citing evidence from the map, identify **Four** social function of Migwani town (4 marks)
7. (a) (i) Define river capture (2 marks)
(ii) Outline **two** conditions necessary for the formation of river capture to take place (2 marks)
(b) (i) State **three** factors influencing drainage pattern of a river (3 marks)
(ii) Explain **three** ways in which river erodes its course (6 marks)
(c) Students of Loikotk Boys Secondary School went for a field work on lake Magadi

- (i) State **three** causes of salinity in Lake Magadi they are likely to have found out (3 marks)
- (ii) State **three** ways they would have prepared for the field work (3 marks)
- (d) (i) Why do ocean water vary in salinity (3 marks)
(ii) State **three** causes of horizontal movement of water in the ocean (3 marks)
8. (a) Define a karst scenery (2 marks)
(b) Explain **two** factors influencing development of the karst scenery (4 marks)
(c) Name **three** surface features formed in limestone areas (3 marks)
(d) Describe the formation of a stalagmite (6 marks)
(e) State **three** negative influence of karst landscape on human activities (3 marks)
(f) Your class have been asked to carry out a field study on a karst scenery
 - (i) Outline **two** recommendations you are likely to give about the conservation of the area (2 marks)
 - (ii) State **two** challenges you are likely to face during the field study (2 marks)
9. (a) (i) What is vegetation? (2 marks)
(ii) Explain **three** types of vegetation. (6 marks)
(b) (i) State **three** geomorphic factors that influence distribution of vegetation. (3 marks)
(ii) Differentiate between xerophytes and hydrophytes. (2 marks)
(c) Use the diagram below to answer the following questions.



- i) Name the vegetation zone marked A, B, C. (3 marks)
- ii) Name one tropical desert in each of the following continents.
 - North America (1 mark)
 - Africa (1 mark)
 - Asia (1 mark)
- d) Explain the significance of vegetation to human activities. (6 marks)