

312/1

GEOGRAPHY

INTERCOUNTY JOINT EXAMINATION

Paper 1

Name:..... Index No

Candidate's Signature..... Date:

School:..... Stream:

Instructions to candidates

- (a) Write your Name and Index Number in the spaces provided above,
- (b) Sign and Write the date of Examination in the spaces provided above;
- (c) This paper consists of two Sections; A and B.
- (d) Answer all the questions in Section A.
- (e) Answer question 6 and any other two questions from Section B.
- (f) Answers must be written in the spaces provided at the end of question 10.
- (g) This paper consists of 4 printed pages,
- (h) Candidates should check the question paper to ascertain that all the pages are printed as indicated and that no questions are missing.
- (i) Candidates should answer the questions in English.

For Examiner's use only

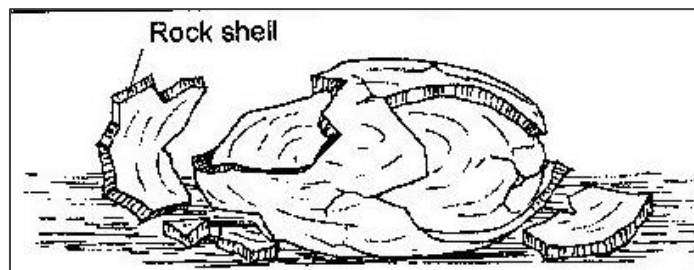
Section	Question	Maximum score	Candidate's score
A	1 – 5	25	
B	6	25	
		25	
		25	
		25	
TOTAL SCORE			

SECTION A

Answer all questions in this Section

1. (a) Define **Fog**. (2 marks)
- (b) State **three** conditions for formation of dew. (3 marks)
2. (a) Give **three** examples of west coast deserts. (3 marks)
- (b) Describe the process of wind deflation. (2 marks)

Use the diagram below to answer question 3



3. (a) Identify the type of weathering. (1 mark)
- (b) Describe how the process occurs. (4 marks)
4. (a) State **three** causes of dynamic river rejuvenation. (3 marks)
- (b) Give **two** rivers in Kenya where in trenched meanders are found. (2 marks)
5. (a) Define magnitude of earthquake. (2 marks)
- (b) Give **three** types of earthquakes. (3 marks)

SECTION B

Answer all question 6 (Compulsory) and any other two questions from this Section.

6. Use the map of Kijabe 1:50,000 to answer question 6.
- (a) (i) Convert the maps linear scale to statement. (2 marks)
- (ii) Name any two types of land transport found in Kijabe. (2 marks)
- (iii) Measure the distance of road B3 from Narok to the junction at road 4104. Give your answer to the nearest 100m. (2 marks)
- (b) (i) Give the activities represented by the following features on the map. (4 marks)
- Murrum pit,
 - Forest station,
 - Nyamweru forest,
 - Carbacid plant,
- (ii) Name any **two** drainage features found in Kijabe. (2 marks)
- (iii) Give **three** problems which may have been experienced while constructing the railway line (3 marks)
- (iv) Name any **two** human features found in grid square 3990. (2 marks)
- (c) Citing evidence, explain four factors which have foured location of location of plantation in Kijabe. (8 marks)
7. (a) (i) What is a **rock**? (2 marks)
- (ii) State **three** conditions which a substance must fulfill for it to be classified as a mineral. (3 marks)
- (b) Describe **three** processes of rock metamorphism. (6 marks)
- (c) Describe how the following types of rocks are formed.
- (i) Igneous (5 marks)
- (ii) Chemically formed sedimentary rocks (7 marks)
- (d) Name **two** examples of hypabyssal rocks. (2 marks)

8. (a) (i) Define a **Spring**. (2 marks)
- (ii) State **three** ways through which a spring may be formed. (3 marks)
- (b) (i) Give **four** characteristics of a Karst landscape. (4 marks)
- (ii) Outline **three** areas in East Africa where Karst landscape is common. (3 marks)
- (c) Describe the formation of the following features.
- (i) Uvala (5 marks)
- (ii) Pillar (8 marks)
9. a).i) Define aridity (2 marks)
- ii) State factors influencing wind transport (3 marks)
- (b) Describe formation of the following features
- (i) Oasis (5 marks)
- (ii) Zeugen (6 marks)
- (iii). Bajada (6 marks)
- (c) State **three** significance of desert land forms. (3 marks)
10. (a) (i) Define the term **Glaciation** (2 marks)
- (ii) Name any **three** ways through which ice move. (3 marks)
- (b) Describe how the following features are formed.
- (i) Eskers (7 marks)
- (ii) Terminal moraine (7 marks)
- (c) Explain **three** negative effects of glaciation to human environment. (6 marks)

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