

KAPSABET HIGH SCHOOL



312/1
GEOGRAPHY
Paper 1
Time 2 hours 45 min



2021 TRIAL 3 OCT/NOVEMBER INTERNAL EXAMINATION

Kenya Certificate of Secondary Education (K.C.S.E.)

Name.....

Adm No.....

Stream.....

Date

Sign

Instructions to Candidates

- ✓ Answer all questions in section A.
- ✓ In section B, Answer question 6 and any other two questions from the remaining questions.
- ✓ Answer all questions using the answer booklet provided.
- ✓ Candidate should check that all pages are printed and no questions are missing.

For Examination use only.

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KAPSABET BOYS HIGH SCHOOL

	Maximum Score	Candidate Score
Section A.	25	
Question 6	25	
Question 7	25	
Question 8	25	
Question 9	25	
Question 10	25	
TOTAL	100%	

SECTION A

Answer all questions in this section

1. (a) What is geography? (2marks)

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- (b) Give three proofs that the earth is almost spherical in shape. (3marks)

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2. (a) Differentiate between weathering and mass wasting. (2 marks)

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(b) State three causes of landslides. (3 marks)

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3. Describe the formation of planet earth according to the passing star theory.(5 marks)

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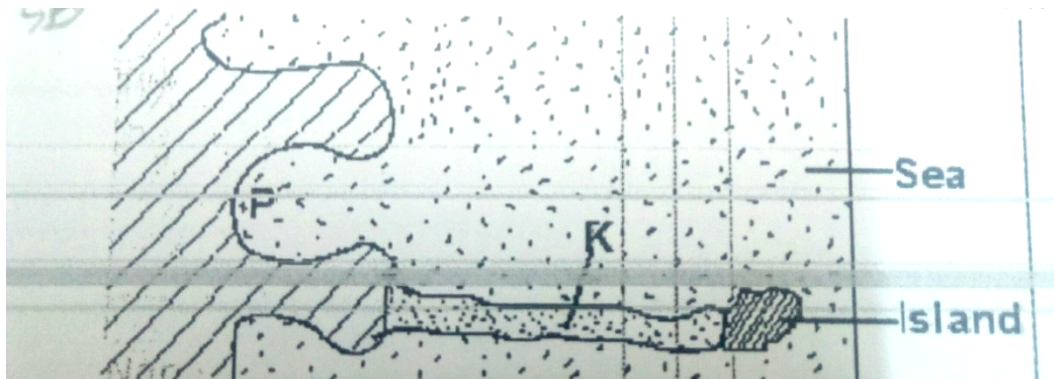
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4. The diagram below shows a coastal landform.



(a) Name the features marked P and K. (2marks)

P.....

K.....

(b) List down three types of ocean tides. (3marks)

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(ii) Find the area of Busia district (in kilometer square) to the northwestern part of the map. (2 marks)

(c) Draw a rectangle 9 cm by 10 cm to represent the area north of northing 90 and east of easting 30. On it mark and label
o River Yala
o Road c501/2
o Maranda school (5 marks)

(d) Describe the drainage of the area covered by the map (5 marks)

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(e) Students of Maranda school wanted to do a field study on vegetation on the area covered by the map.

i. Identify two means of transport they are likely to use. (2 marks)

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ii. Name three types of vegetation they are likely to identify (3 marks)

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iii. State three preparations they could make. (3 marks)

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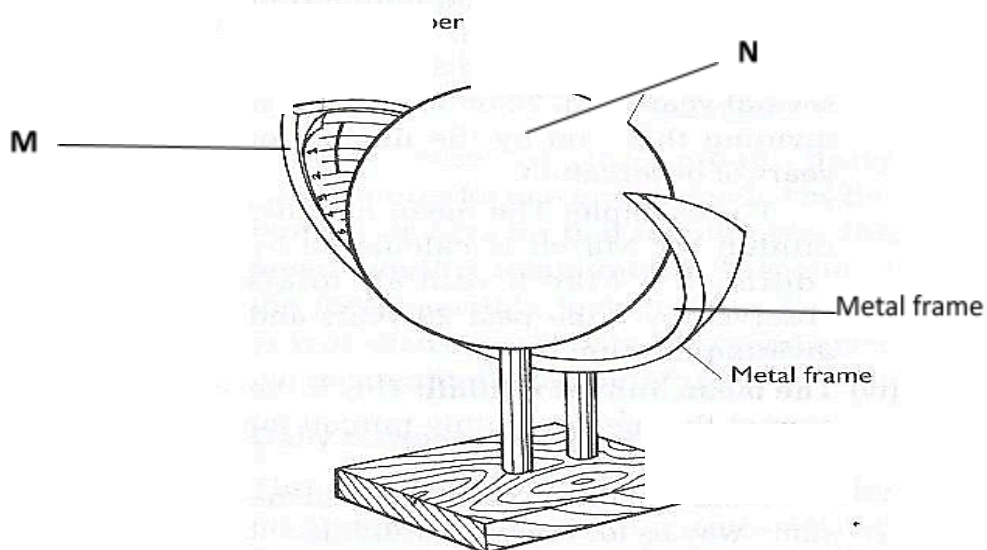
iv. Identify two problems they are likely to encounter. (2 marks)

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7. (a) Name two instruments kept in a Stevenson screen. (2 marks)

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(b) The diagram below shows a weather measuring instrument. Use it to answer the questions below.



(i) Name the parts marked M and N. (2 marks)

M.....

N.....

(ii) Describe how the instrument works. (4 marks)

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- (c) The table below shows climatic figure for station Q. Use it to answer the questions that follow.

Months	J	F	M	A	M	J	J	A	S	O	N	D
Temp in $^{\circ}\text{C}$	30	31	31	29	27	27	28	29	28	28	27	30
Rainfall in mm	257	246	231	234	207	201	218	227	234	240	235	230

- (i) Calculate the annual range of temperature for station Q. (2 marks)

- (ii) Give four characteristics of climate for station Q. (4 marks)

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- (d) With the aid of a well-labelled diagram, describe the formation of cyclonic rainfall.(6 marks)

- (e) You intend to carry out a field study of a weather station in your school.

- (i) Give two methods of recording data that you are likely to use. (2 marks)

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(ii) State three reasons why the recording of data at a school weather station may be inaccurate. (3 marks)

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8. (a) Name three types of faults: (3 marks)

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(b) (i) With the aid of well labeled diagrams explain how compressional forces can lead to the formation of a rift valley. (7 marks)

(ii) Give two examples of Horst Mountains in east Africa: (2 marks)

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(c) Describe two ways in which faulting may influence drainage systems. (4 marks)

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(d) A part from the Rift Valley name two other relief features that were formed as result of faulting. (3 marks)

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(e) Explain three ways in which features resulting from faulting are of economic importance: (6 marks)

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9. (a)(i) What is a lake? (2marks)

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(ii) Name three ways through which lakes are formed. (3marks)

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(iii) List three sources of Lake Water. (3marks)

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(b) Describe how L. Victoria was formed. (4marks)

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(c) Explain two reasons why some Lakes in the Rift Valley have fresh water. (4marks)

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(d) State three economic significance of Lakes. (3marks)

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(e) Students from your school intends to carry out a field study on Lakes.

(i) State two objective for their study. (2marks)

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(ii) Identify two methods they will use to record the data collected. (2marks)

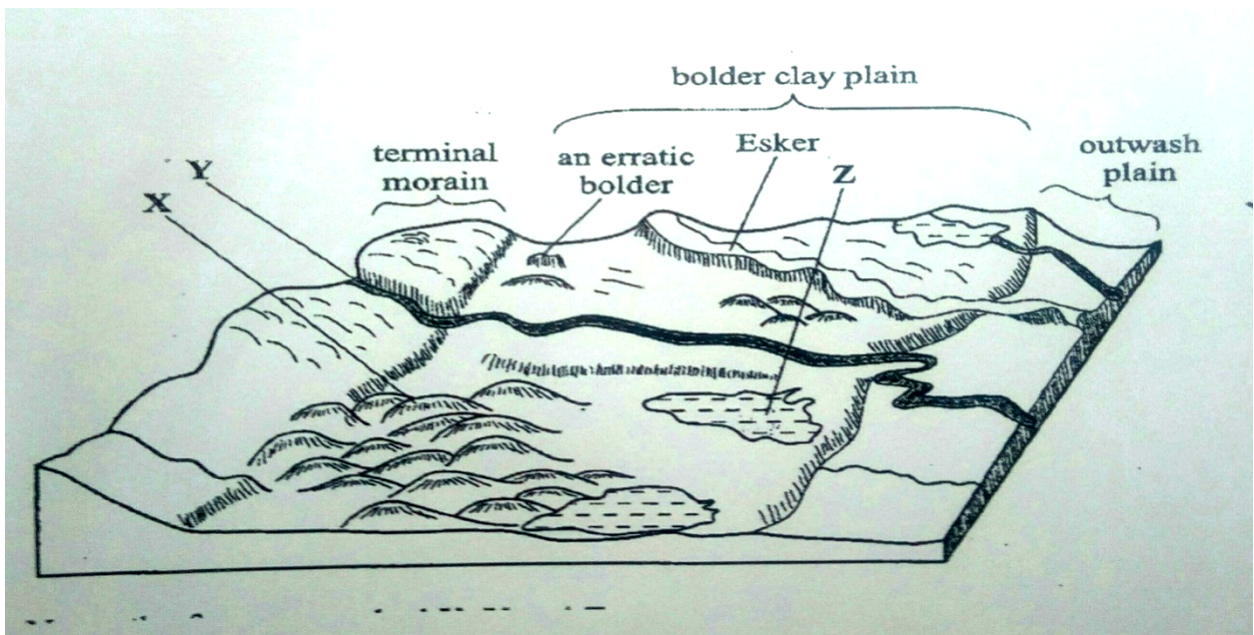
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(iii) Which human activity might they have found to be affecting the Lakes? (2marks)

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10. (a) Describe plucking as a process in glacial erosion. (4 marks)

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(b) Explain three conditions that lead to glacial deposition. (6 marks)

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(c) The diagram below shows features resulting from glacial deposition in a lowland area.



(i) Name the features marked X, Y, and Z.

(3 marks)

X.....
Y.....
Z.....

(ii) Describe how terminal moraine is formed. (4 Marks)

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(d) Explain four positive effects of glaciation in low land area. (8 marks)

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