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	
<u>Instructions to Candidates</u>	

- ✓ 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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	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)
	(b) Give three proofs that the earth is almost spherical in shape.	(3marks)
2.	(a) Differentiate between weathering and mass wasting.	(2 marks)

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	(b) State three causes of landslides.	(3 marks)
3.	Describe the formation of planet earth according to the passing star theor	y.(5 marks)
		•••••
4.	The diagram below shows a coastal landform. Sea	
	(a) Name the features marked P and K.	(2marks)
	P	
	K	
	(b) List down three types of ocean tides.	(3marks)
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	Name the types of earth movements that occur within the earth's crust.	(2marks)				
 (b)	Describe the origin of continents according to the theory of continental drift.	(3marks)				
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••••						
	SECTION B					
	Answer question 6 and any other two questions in this section					
Stu	dy the map of Yimbo (East Africa 1:50,000) to answer questions that follow.					
(a)	(i) what is the sheet title	(1 mark)				
(4)						
(4)						
	Find the magnetic declination of the map in January 1965.	(2 marks)				
(ii)	Find the magnetic declination of the map in January 1965.					
(ii)	Find the magnetic declination of the map in January 1965. (i) Find the distance in kilometers of loose surface road c506 from port southly	oy through				
(ii)	Find the magnetic declination of the map in January 1965.					

(ii) Find the area of Busia district (in kilometer square) to the nor	thwestern 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)
(e) Students of Maranda school wanted to do a field study on veg	retation on the area covered
by the map.	,
i. Identify two means of transport they are likely to use.	(2 marks)
in the interpolation of the interpolation and interpolation	(=110110)
ii. Name three types of vegetation they are likely to identify	(3 marks)
of the state of th	(
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iv. Identify two problems they are likely to encounter. (2 marks) 7. (a) Name two instruments kept in a Stevenson screen. (2 marks) (b) The diagram below shows a weather measuring instrument. Use it to answer the questions below. Metal frame Metal frame (i) Name the parts marked M and N. (2 marks) M.		Page 6 of 13	
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iv. Identify two problems they are likely to encounter. (2 mark	'. (a) Name two ir		(2 marks)
iii. State three preparations they could make. (3 marl	iv. Identify two pr		(2 marks)
iii. State three preparations they could make. (3 marl			
iii. State three preparations they could make. (3 marl			
	iii. State three prep	parations they could make.	(3 marks)

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257	246	231	234	207	201	218	227	234	240	235	230
Calcula	te the a	nnual	range (of temp	eratur	e for sta	ation Ç).		(2 marks)
Give fo	ur char	acteris	tics of o	climate	for sta	tion Q.					4 marks)
the aid o	f a well	-labell	ed diag	 ram, d	escribe	the for	rmatio	n of cyc	clonic r	ainfall.	(6 marks
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	(ii) State three reasons why the recording of data at a school weather station may	be
	inaccurate.	(3 marks)
8.	(a) Name three types of faults:	(3 marks)
	(b) (i) With the aid of well labeled diagrams explain how compressional forces ca	n lead to
	the formation of a rift valley.	(7 marks)

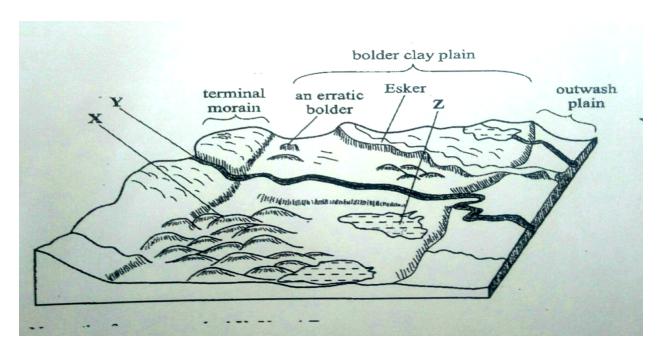
(ii) Name three ways through which lakes are formed.	(3marks)
	(2marks)
(e) Explain three ways in which features resulting from faulting are o	
as result of faulting.	(3 marks)
(d) A part from the Rift Valley name two other relief features that we	
(c) Describe two ways in which faulting may influence drainage syst	tems. (4 marks)
(ii) Give two examples of Horst Mountains in east Africa:	(2 marks)

(iii) I	ist three sources of Lake Water.	(3marks)
(b)	Describe how L. Victoria was formed.	(4marks)
 (c)	Explain two reasons why some Lakes in the Rift Valley have fresh water.	(4marks)
(d) 	State three economic significance of Lakes.	(3marks)
(e) St	rudents from your school intends to carry out a field study on Lakes. (i) State two objective for their study.	(2marks)
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(b) Ex	xplain	three conditions that lead to glacial deposition.	(6 marks)
	•••••		
.0. (a) De	escrib	e plucking as a process in glacial erosion. (4	marks)
	•••••		
	(iii)	Which human activity might they have found to be affecting the	
	(ii)	Identify two methods they will use to record the data collected.	2marks)
	••••		

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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)

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X	
Y	
Z	
(ii) Describe how terminal moraine is formed.	(4 Marks)
(d) Explain four positive effects of glaciation in low land area.	(8 marks)