KAMUKUNJI DISTRICT KCSE EVALUATION TEST 2014 www.free

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FOT NOTE Free

GEOGRAPHY PAPER 1 JULY-AUGUST 2014 2 ¾ HOURS

Ŷ INSTRUCTIONS

- 1, ⁴This paper consists of two sections A and B
- رِثْعُ. Answer all questions in section A. in section B answer question 6 and any other two questions

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- 3. All answers to be written on the answer booklet provided
- 4. Candidates should check the question paper to ascertain that all the pages are printed as indicated and that no questions are missing.

		seepastpapers.com	
	1	a) What is an eclinse	(2mks)
	1.	so the compact of the	(211103)
	b)	State the three characteristics of the earth's core	(3mks)
	2.	a) Define term longitude	(2mks)
		b) The local time of town A 40° E is 12noon.	
\$1.00	ير ي 3.	بو What will be the local time of B 30 ⁰ E جو With the aid of a well labelled diagram explain how frontal type of rainfall is form	ned
For Note	4.	a) State any three factors that influence the development of drainage pattern.	(3mks)
	b)	Give any two conditions that lead to deposition of a silt at the mouth of a river	(2mks)
	5.	a) Define the term mass wasting	(2mks)
	b)	Explain two ways in which soil creep occurs	(4mks)

Section **B**

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b

Section B Answer question **six** and any other two questions from this section \$5°

6. study the map of Karatina provided(1:50,000) provided and answer the questions that follow \mathbb{R}^{\times}

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a) i) convert the representative scale of the map to a statement scale	(1mk)
ii) Give the four figure grid reference of the cattle dip at Gaturiri	(1mk)
iii) Give the latitudinal extent of the area covered by the map	(1mk)

 \Re) Calculate the area covered by the area of the total vegetation found in the area to ethe east of district boundary from where it touches northing 53 to northing 66 and the vegetation must be above northing 53. (2mks)

)	i) using a vertical scale of 1cm represent 50m, draw a cross sectio	n from grid reference
	050450 to 050510	(5mks)
	ii) On the cross section mark and name	
	- river	(1mk)
	 all weather road bound surface C74 	(1mk)
	- hill	(1mk)

iii) Calculate the vertical exaggeration of the cross section you have drawn (2	2mks)
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c)	citing evidence from the map, explain two factors that have led to the growth of	:
	Mount Kenya Forests	(4mks)
d)	describe the drainage of the area covered by the map	(6mks)

7. a) Differentiate between soil profile and soil catena (2mks) b) Explain any thee factors that affect soil formation (6mks) c) Discuss four measures taken to conserve soils (8mks)

e)	explain how burning of land leads to soil degeneration	(4mks)
f)	your class intends to carry out a field study on soils within the school environme	nt

- state any two methods of data collection you will use (2mks) i)
 - ii) List any three methods of data recording you are to use. (3mks)

8. a) The map below shows the distribution of world climatic types. Study it and answer the questions that follow.

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*Of	i)	Name the climatic type labeled T	(1mk)
Ŷ	ii)	By which other term is this climatic type T is known	(1mk)
	iii)	Describe seven characteristics climatic type T	(7mks)

b) Name any four countries where this type of climate T is found (4mks)

c) The table below shows climatic data for station Y. Study it and answer the questions that follow

		ſ			1							
Month	J	F	M	А	Μ	J	J	А	S	0	N	D
Temp.C	12	13	14	16	19	19	22	25	26	24	20	16
13Rainfall	113	84	74	41	46	15	2	4	40	78	129	136
i) calculate the mean monthly temperature (2mks)												
ii)	ii) calculate the annual range of temperature (2mks)								2mks)			
iii)	iii) calculate the mean monthly rainfall (2mks								2mks)			
d) A field study was conducted on the climate of a station Z												

i) State three reasons why observation was the best method of collecting the data (3mks)

ii) Identify thee follow up activities the students would have been involved in (3mks)

9. a) describe abrasion processes of glacial erosion (4mks)

b) The diagram below shows a glaciated feature found in lowland. Study it and answer that question that follow

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	i)	identify the feature above	(1mk)
, e	وٽ ii)	apart from abrasion process identify the other glacial process involved	ved in the
A ^r		formation of the above feature	(1mk)
MOTE	iii)	describe four characteristics of the feature shown on the diagram	(4mks)
0 []	iv)	name one erosional lowland glaciated feature	(1mk)
¥	c) Describe h	ow an arête is formed	(6mks)
	d) Explain fou	ur negative effects of glaciated lowland features	(8mks)
	10. a) i) Diffe	erentiate between a barrier reef and a fringing reef.	(2mks)
	ii) Give	three causes of ocean currents.	(3mks)
	h) State f	four conditions that favour the growth of polyns	(4mks)
	Sy State I		(millio)
	c) With th	he aid of a well labelled diagram describe how a wave cut plat form is	s formed.
			(6mks)
	d) Explair	n how the following factors influence development of coasts	
	i) Clima	ate	(2mks)
	ii) Gradi	ient at the coast	(2mks)

e) Your class intends to carry out a field study on the features along the coast Kenya.

i)	Why would they carry a reconnaissance study	(3mks)
ii)	Give three disadvantages of using observation to collect data	(3mks)