TRIAL ONE EVALUATION TEST 2019

312/1   GEOGRAPHY

MARCH 2019.   23 hours

Name----·-······-·--·····   Inclex Number   ,,····–   -   ..

Candidate's Signature....... ‑ ass.a....,   Date   .·--·----   -.

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** in the spaces provided at the end
of question 10.

e)   Answer question 6 and any other TWO questions from section B in the
space provided at the end of question 10.

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

g)   Candidates should answer the questions in English

25

Total Score

SECTION A

Answer *all* the questions in this section

1a i) What is Solar system?   2mks

ii) Name two dwarf planets   2mks

2) State five characteristics of the sun.   5mks

3 a) Give three reasons why temperature decreases with
increasing latitude.   3mks

b) Describe the following types of
fog: Radiation fog   4
1mk

ii   Advection fog   1mk

4) Use the following diagram below to answer the following
questions:

A

i)   Name the features marked A and B.   2mks

Ii)   Describe the formation of the feature marked
K.   3mks

5a) Give the difference between glacial till deposits and fluvio-glacial
deposits.   2mks

b) Give three characteristics of the tides shown in the diagram
below.   3mks

1. i) What is Solar system?

   ii) Name two dwarf planets

2) State the characteristics of the sun.

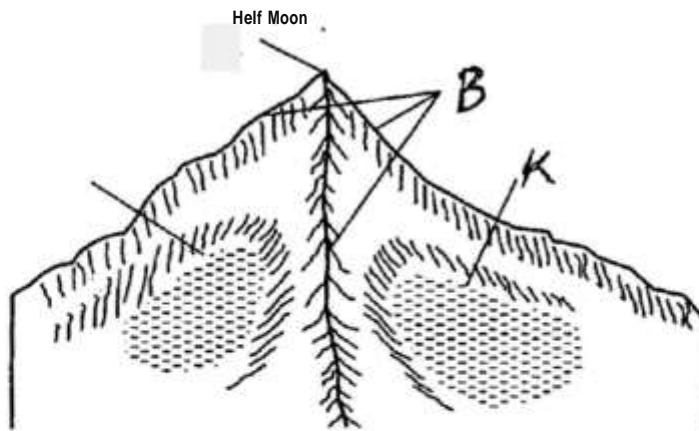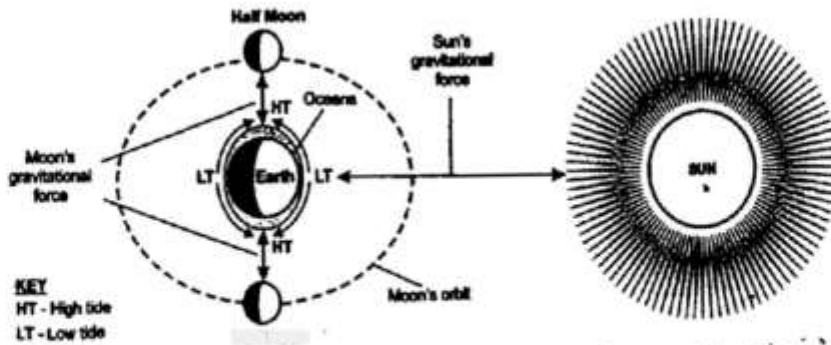3 a) Give three reasons why temperature decrease with increasing altitude.

   (b) Describe the following types of fog:
   i   Radiation fog
   ii   Advection fog

4) Use the following diagram below to answer the following questions:

Half Moon

B

K

   i)   Name the features marked B and K.
   ii) Describe the formation of the feature marked K.

5 a) Give the difference between global warming and Rain-global warming.

   (b) Give three characteristics of the tides shown in the diagram below.

Half Moon

Sun's gravitational force

Oceans

Moon's gravitational force

HT

LT   Earth   LT

HT

Moon's orbit

SUN

KEY
HT - High tide
LT - Low tide

SECTION B

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

6)   Study the map of Talta Hliis 1:50,000 (Sheet 189/4) provided and answer
         the following questions.

a I)   Convert the map scale 1:50,000 into statement scale. Show your
         calculation.   3mks

II}   Find the bearing of Mwasungia 903 at grid reference 3922 from
         Mwasere at grid reference 3826.   2mks

b)   Measure the distance of the loose surface road from the junction
         (232142) to Mission Girls Secondary School (243187) in km.   **2mks**
         calculations.

c)   Draw a cross section between Kishamba (2921) and shops near
         Majengo (3617). (use vertical scale of 1cm rep 20 meters)   5mks
         On your cross section, show the following.

         I)   Mwachawaza
         ii)   Majengo
         iii)   Shops   3mks

d I)   Citing evidence, state three reasons why there is dense settlement
         in the western part of the map.   6mks

li)   Give four posslble reasons that have enabled a commercial farming
         activity located on the southern part of the map.   4mks

7a)   What is Earth movement?   2mks
b) Explain **how the** following activities cause earth movements:•

         I)   **Magma** movement   2mks
         ii)   Gravitational force   2mks
         iii)   Convectional forces   2mks
         iv)   •   Isostatic adjustment   2mks
c I)   Describe Alfred Wegener"s Continental Drift Theory   6mks
II)   Give atleast two characteristics of each of the following boundaries:•

         ·   Extension boundaries   2m**ks**

	Compressional boundaries	2mks
▪	Transform faults	2mks
Ii)	Name atleast three large plates.	3mks

3

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8a i)	What is Folding?		**1**mk
ii)	Distinguish between foreland and backland		2mks
iii)	Use well labelled diagrams to describe the formation of Atlas and **Alpine** fold mountains		8mks
b)	Give a diagramatic illustration of the difference between a normal fault and a reversed fault.		4mks
c)	Students of Mtongwe Secondary school undertook a field study of folded landscape in Malindi.		
	I)	Design a work schedule they used in their study.	4mks
	ii)	State two null hypothesis they **designed** for their study.	2mks
d)	Explain two negative significance of folding to human activities.		4mks

9 a i)	What is a Wave?		2mks
II)	Give atleast three characteristics of each of the following waves:•		
	- Constructive waves		3mks
	- Destructive waves		3mks
b) I)	Explain atleast four factors influencing transportation of materials along the coast.		8mks
II)	State how the following factors determine the type of Coast:•		
	- Wave and tidal current		2mks
	- Slope of the coast.		2mks
c)	You are planning to carry out a field study on coastal landforms.		
	)	List two methods you would use to collect data	2m**ks**
	it)	give three reasons why it is necessary for reconnaissance.	3mks

10a I)	Define Arid lands		2mks
II)	List atleast two of the following deserts:•		
	- Hot **Deserts**		2mks
	- Cold Deserts		2mks
b)	Use the diagram below to answer the following questions.		

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Give the name of this feature.   1mk

Describe how this feature Is formed.   8mks

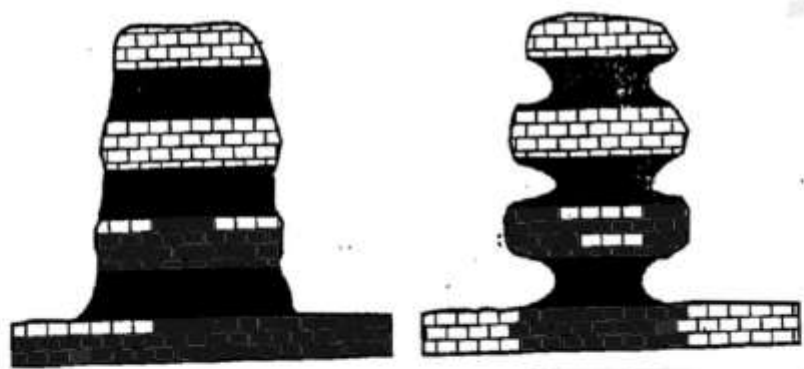c)   Give atleast five characteristics of Transverse dunes.   5mks

d)   State five significance of Desert landforms   **25**mks

end

4

i)   Give the name of this feature.

II)   Describe how this feature is formed.