

TRIAL ONE EVALUATION TEST 2019

312/1 GEOGRAPHY MARCH 2019. 2³/₄ hours

Name..... Index Number.....
Candidate's Signature..... 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.
- f) 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

For Examiner's Use Only

SECTION	Questions	Maximum Score	Candidate's Score
A	1-5	25	
B	6	25	
		25	
		25	
Total Score			

SECTION A

Answer *all* the questions in this section

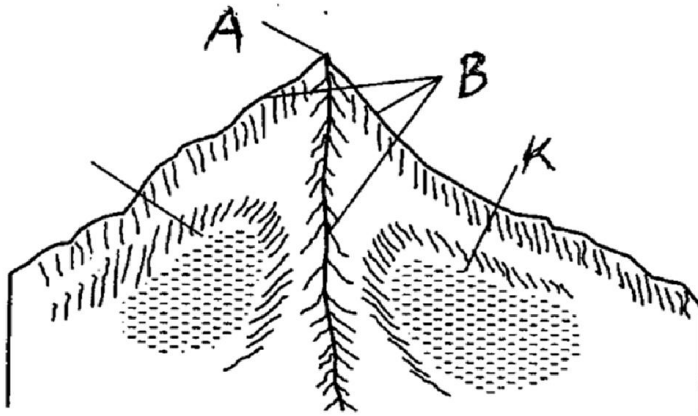
1a i) What is Solar system? 2mks
 ii) Name two dwarf planets 2mks

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:
 i Radiation fog 1mk
 ii Advection fog 1mk

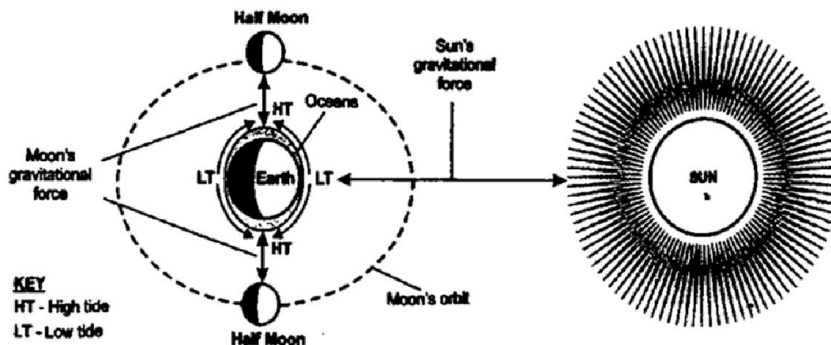
4) Use the following diagram below to answer the following questions:



i) Name the features marked A and B. 2mks
 ii) Describe the formation of the feature marked K. 3mks

5 a) 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



SECTION B

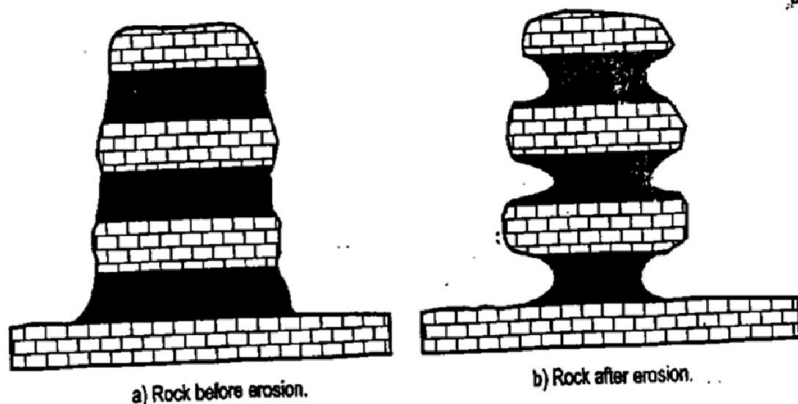
Answer question 6 and any other two questions from this section.

- 6) Study the map of Taita Hills 1:50,000 (Sheet 189/4) provided and answer the following questions.
- a i) Convert the map scale 1:50,000 to statement scale. Show your calculations. 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
- 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 3mks
- ii) Majengo
- iii) Shops
- d i) Citing evidence, state three reasons why there is dense settlement in the western part of the map. 6mks
- ii) Give four possible 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 2mks
 - Compressional boundaries 2mks
 - Transform faults 2mks
- iii) Name atleast three large plates. 3mks

- 8a i) What is Folding? 1mk
 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 diagrammatic 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.
 i) List two methods you would use to collect data 2mks
 ii) give three reasons why it is necessary for reconnaissance. 3mks

- 10 a 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.



- i) Give the name of this feature. 1mk
 ii) Describe how this feature is formed. 8mks
 c) Give atleast five characteristics of Transverse dunes. 5mks
 d) State five significance of Desert landforms 5mks

end