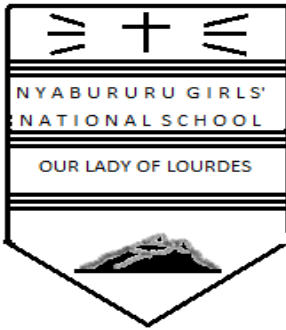


NAME.....ADM NO.....STRM.....SIGN.....



Date done	Time:
Invigilator	
Date returned	
Date revised	

312/1
GEOGRAPHY
FORM THREE
TERM III, CAT 1, 2017
 2¾ hours

INSTRUCTIONS TO CANDIDATES:

- *This paper has **two** sections **A** and **B***
- *Answer **All** questions in Section **A**. In section **B** answer question 6 and any other **two** questions.*
- *All answers must be written in the answer sheets provided.*

FOR EXAMINER’S USE ONLY

SECTION A	SECTION B					TOTAL
	6	7	8	9	10	
1-5						

This paper consists of 4 printed pages. Candidates should check to ascertain that all pages are printed as indicated and that no questions are missing.

SECTION A

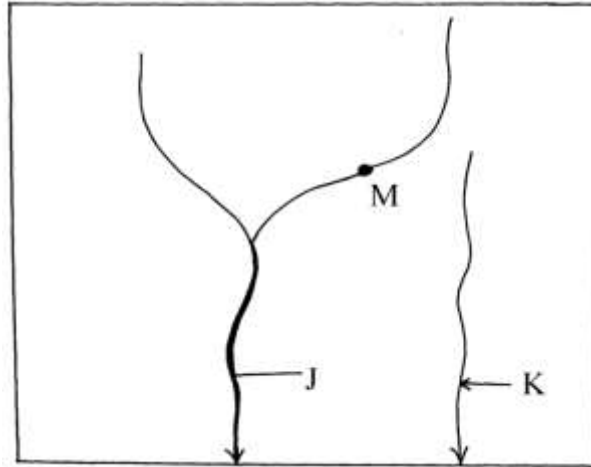
Answer ALL questions in this section

1. a) Mention **two** Greek words from which the term Geography was coined. (2mks)
b) Give the **three** branches of Geography that students study in schools. (3mks)
2. a) State **three** conditions for the formation of an artesian basin. (3mks)
b) Name **two** ways in which underground water reaches the surface. (2mks)
3. a) Name **two** planets without satellites in the solar system. (2mks)
b) State **three** effects of the earth's movement around the sun. (3mks)
4. a) Name **two** main types of earth movements. (2mks)
b) List any **three** causes of earth movements. (3mks)
5. a) What is orogenesis? (2mks)
b) Explain the plate tectonics theory (3mks)

SECTION B

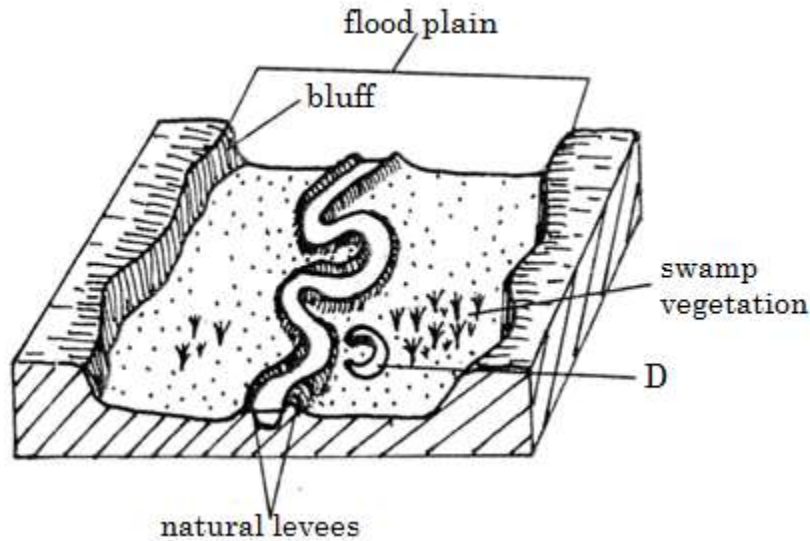
Answer question 6 and any other two questions from this section.

6. Study the map of Kitale 1:50,000 (sheet 75/3) and answer the questions that follow.
 - (a) (i) Give the magnetic declination of the map extract. (1mk)
(ii) State the adjoining sheet index number of south west of Kitale. (1mk)
 - (b) (i) Name **three** man-made features found on the grid square 4415. (3mks)
(ii) Calculate the area to the west of Easting 32 bound by the District boundary northwards. (3mks)
 - (c) Enlarge the map between Easting 23 and 25 and Northing 15 and 17 **twice** (2mks)
On it mark and name:
 - Papyrus Swamp. (1mks)
 - Main Tracks(motorable) (1mks)
 - Kitale Municipal boundary (1mks)
 - (d) Citing evidence from the map, identify **three** social services offered in Kitale Municipality. (4mks)
 - (e) Describe the drainage of the area covered by the map. (6mks)
7. (a) What is river rejuvenation? (2mks)
(b) Study the diagram below and answer the questions that follow.



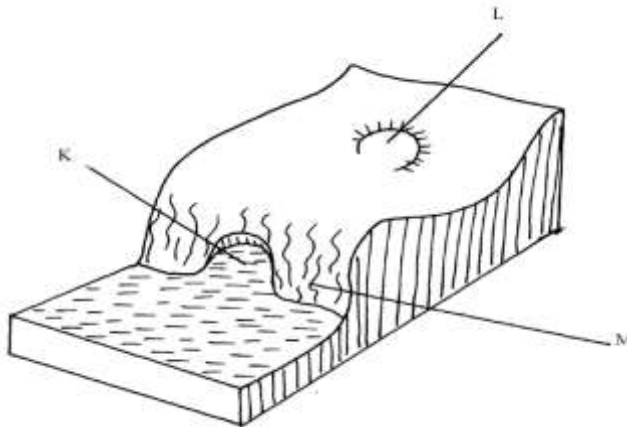
- (i) Identify the process represented by the diagram above (1mk)
- (ii) Label the parts marked (2mks)
 - J.....
 - K.....
- (iii) Identify the type of erosion that take place at the point marked M. (2mks)
- (c) Describe **three** ways in which a river transport its load. (6mks)
- (d) With the aid of a well-labeled diagram, illustrate the hydrological cycle. (8mks)
- (e) Give the significance of river to human Activities. (4mks)

- 8. (a) Give **four** sources of water for lakes. (4mks)
- (b) Describe how a corrie lake is formed. (7mks)
- (c) **Study the diagram below and answer the questions that follows.**



- (i) Identify the features marked **D**. (1 mk)
- (ii) Explain **three** significance of the feature marked **D** (6mks)

- (d) A form three class is planning to carry out a field study on the effects of climate change on lake Naivasha.
- (i) State **four** reasons why it is important for the students to have a pre-visit of the area of study. (4mks)
 - (ii) Give **three** follow up activities students will carry out after the study. (3mks)
9. (a) i) State **three** tectonic forces that cause faulting. (3mks)
- ii) Apart from block mountain name **three** features resulting from faulting. (3mks)
- (b) With the aid of a diagram describe the formation of a host mountain by tensional forces. (5mks)
- (c) Students from your school carried out a field study on a faulted landscape.
- i) Give **two** reasons why they carried out a pre-visit study. (2mks)
 - ii) Give **four** reasons why the students held a discussion before the study. (4mks)
 - iii) Explain **four** positive effects of faulting to human activity. (8mks)
10. a) i) Give **two** types of movement shown by ocean water. (2mks)
- ii) State any **three** factors influencing the speed of the water movement in oceans. (3mks)
- b) The diagram below represents a coastal landform.



- i) Name the features marked K, L and M. (3mks)
 - ii) State **three** conditions necessary for the formation of a beach. (3mks)
 - iii) Explain how the following factors influence wave deposition.
 - Gradient of the shore. (4mks)
 - Depth of the sea. (4mks)
- c) With the aid of a well labelled diagram describe how a bay bar is formed. (6mks)