**MUKINDURI MIXED DAY SECONDARY SCHOOL**

**MIDTERM EXAM TERM 2 2017**

**GEOGRAPHY FORM 3**

**NAME……………………………………………………..ADM……………**

1. a) In your answer booklet, draw a diagram to show a simple fold and on it mark and name:

i)An anticline (1mk)

ii)A limb (1mk)

iii)A syncline

b) Name two fold mountains in Africa. (2mks)

1. a) Name one fold mountain in:

i)Asia (1mk)

ii)North America (1mk)

iii)South America (1mk)

b)i) Apart from fold mountains , name three other features resulting from folding. (3mks)

 ii)With the aid of labeled diagram, describe the formation of an over thrust fold.(6mks)

c) Explain four effects of fold mountains on human activities. (8mks)

d)Students are planning to carry out a field study on landforms in their District.

 i)State 3 ways in which the students would prepare themselves for the field study.(3mks

 ii)Give 2 advantages of studying landforms through field work. (2mks)

1. The diagram below represents zones of natural vegetation on a mountain in Africa. Use it to answer questions (a) (i) and (ii)

1. i)Name the vegetation zones marked W, X and Y (3mks)

ii)Describe the characteristics of the savannah vegetation. (6mks)

iii)Name the temperate grassland found in the following countries.

* Canada (1mk)
* Russia (1mk)
* Australia (1mk)
1. Explain 3 causes of the decline of the areas under forests in Kenya. (6mks)
2. You are supposed to carry out a field on the uses of vegetation in the area around your school.

i)State 3 reasons why it would be necessary to visit the area before the day of the study. (3mks)

ii)Give 4 uses of vegetation you are likely to identify during the study . (4mks)

1. a) (i) What is mass wasting? (2mks)

 (ii) Give two processes of slow mass movement. (2mks)

 (iii)State two physical conditions that may influence landslides. (2mks)

b)Describe the following processes of mass wasting:

 i)Rock fall: (2mks)

 ii)Subsidence; (2mks)

 iii)Mud flows . (2mks)

c)Explain the effect of mass wasting on the following:

 (i) Tourism; (2mks)

 (ii) Soil fertility (2mks)

1. a) State 3 conditions necessary for the development of Karst scenery. (3mks)

b)Give 2 reasons why there are few settlements in Karst landscapes. (2mks)

1. The diagram below shows some features of a Karst scenery. Use it to answer question (a)
2. Name the features marked P,Q and R
3. Describe carbonation as a process of chemical weathering. (3mks)
4. The diagram below represents underground features in a limestone area. Use it to answer question (a)
5. i) Name the features marked X, V and W. (3mks)

ii) Describe how the feature marked Y is formed (6mks)

1. i)What is an artesian basin? (2mks)

Explain 3 factors which influence the formation of features in limestone areas. (6mks)

1. You are supposed to carry out a field study of an area croded by water
2. Give 3 reasons why you would need a map of the area of study. (3mks
3. Name 2 erosional features you are likely to identify during the field study. (2mks)
4. State 3 recommendations that you would make from your study to assist the local community to rehabilitate the eroded area. (3mks)
5. Study the map of Homabay (1:50,000)sheet 129/2 provided and answer the following questions.
6. A pipeline is to be laid from Lake Victoria along the line marked X-Y.
7. What is the length of the piping to be used? (2mks)

 (give your answer to the nearest 100 metres)

1. Calculate the bearing of point Y from point X
2. Calculate the area of the part of lake Victoria shown on the map excluding the marshy sections. (Give your answer in square kilometers) (2mks)
3. The rectangle below represents the area in the map extract bounded by Easting 54 and 60 and Northings 35 and40 . Identify and name the features marked J,K,L and M. (4mks)
4. i) Explain 3 factors which have influenced the distribution of settlements in the area covered by the map. (6mks)

ii) Citing evidence from the map, give 2 agricultural activities carried out in the area covered by the map. (4mks)

1. Describe the drainage of the area covered by the map. (5mks)