

END OF TERM 1 EXAMS

GEOGRAPHY

FORM THREE

PAPER 1

TIME: 2 ¾ HOURS

NAME.....ADM NO:.....

SIGN..... INDEX NO:.....

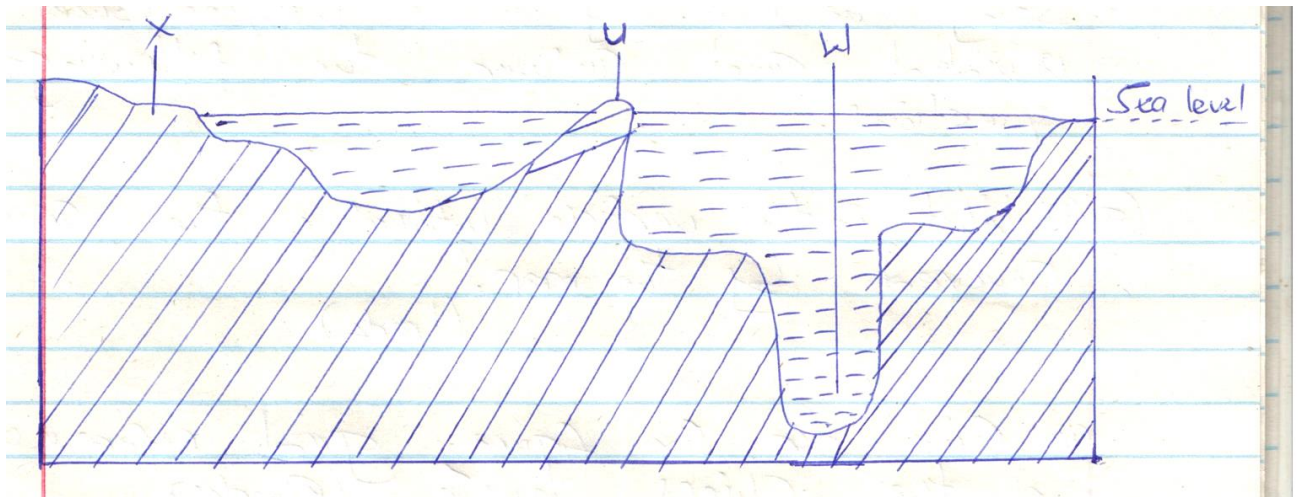
INSTRUCTIONS.

- a. This paper has two sections A and B
- b. Answer all the questions in section A.
- c. Answer questions 6 and any other two questions from section B.

SECTION A

1. a) What is the relationship between Geography and Mathematics? (2mks)
b) State four reasons why it is important to study Geography. (4mks)
2. a) Name the two layers of discontinuity that are part of the interior structure of the earth. (2mks)
b) State three characteristics of the outer core in the interior structure of the earth. (3mks)
3. a) Name two forms of precipitation that commonly occur in Kenya. (2mks)
b) What is a steveson's Screen? (2mks)
4. a) Identify two causes of earth movements. (2mks)
5. a) The diagram below represents the relief of the ocean floor, use it to answer questions.

FOR MARKING SCHEMES CALL/WHATSAPP 0705525657



- i. Name the features marked U, W and X. (3mks)
- X
- W
- U
- ii. Give three reasons why ocean are saline. (3mks)
- b) State one characteristic of Rift Valley lakes. (1mk)
- c) Name one salt water lake that lies north of the equator in Kenya. (1mk)

SECTION B.

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

6. Study the map of Busia 1:50,000 (sheet 101/1) provided and answer the following questions.
- a) What is the vertical interval of the area covered by the map? (1mk)
- i. Give the six figure grid reference of the chiefs house. (2mks)
- ii. What was the magnetic variation of the area when the map was drawn? (1mk)
- iii. What is the height of Odiado hill? (2mks)
- b) Measure the distance of the international boundary from point where it crosses Northing 41 to Northing 50 (Give your answer to the nearest 100 metres) (2mks)
- i. Calculate the area enclosed by river sio, south of Northing 50, West of all weather road, loose surface ($B^8/3$) and East of the international boundary. (2mks)
- c) Using a vertical scale of 1cm to represent 40metres, draw a cross section along Northing 37 from Easting 24 to Easting 31. On the cross-section mark and name. (7mks)
- All weather road, loose surface

FOR MARKING SCHEMES CALL/WHATSAPP 0705525657

- River
- Swamp
- Hill
- Riverine trees
- ii. Calculate the vertical exaggeration of the cross section. (2mks)
- iii. Determine the intervisibility of the section you have drawn. (1mk)
- d)** Describe the drainage of the area covered by the map. (5mks)
- 7.** Define chemical weathering. (2mks)
 - a. Explain how crystal growth leads to weathering. (5mks)
 - b. Geography students in your school are planning to carry out a field study on rock weathering around your school.
 - i. Apart from crystal growth, name five other mechanical weathering processes they are likely to study in the area. (5mks)
 - ii. State five importance of each of the following for your study.
 - a. Reconnaissance (5mks)
 - b. Working schedule (5mks)
 - iii. Which three problems are you likely to experience while collecting the data in the field? (3mks)
- 8.** Describe how a river erodes its channel through the following processes. (6mks)
 - i. Abrasion
 - ii. Solution
 - iii. Hydraulic action
 - b.** Explain four ways through which a river transports its load. (8mks)
 - c.** State three factors that determine a river ability to transport its load. (3mks)
 - ii. Highlight four ways through which a gorge may be formed. (4mks)
 - iii. State four significance of rivers in Kenya. (4mks)
- 9.** What is an earthquake? (2mks)
 - i. Using a simple diagram explain the following terms. (5mks)
 - Epicenter
 - Seismic focus
 - Shockwaves travel outwards
 - b. Explain four human causes of Earthquake. (8mks)
 - ii. Name the two types of Earthquake waves. (2mks)
 - c. Differentiate between:
 - i. Deep focus earthquake and shallow focus Earthquake. (2mks)
 - ii. Richter scale and mercallic scale. (2mks)

FOR MARKING SCHEMES CALL/WHATSAPP 0705525657

- d. List four regions of the world where earthquakes are likely to occur. (4mks)
- 10.** Distinguish between an ocean and a sea. (4mks)
- ii) State three types of submerged coasts. (3mks)
- iii) Explain two ways in which water moves in an ocean. (4mks)
- iv) Explain four significance of oceans, coasts and coastal features. (8mks)
- v. Describe the formation of the following features due to wave erosion. (6mks)
- a. Wave cut platform and cliff.
- b. Geo

HAPPY HOLIDAY