THE UNITED REPUBLIC OF TANZANIA

NATIONAL EXAMINATIONS COUNCIL

ADVANCED CERTIFICATE OF SECONDARY EDUCATION EXAMINATION

MAY 1995

3/1

GEOGRAPHY PAPER 1

(For both School and Private Candidates)

ME : 3 Hours.

INSTRUCTIONS

1. Answer FIVE (5) questions in all. TWO questions from Section A and THREE (3) questions from Section B. Question ONE in Section A is compulsory.
2. Credit will be given for the use of relevant sketch maps and diagrams.
3. Write your Index Number on every page of your answer booklet.

This paper consists of 3 printed pages.

SECTION A

Answer question ONE and any other question from this section. Candidates are advised to spend not more than 50 minutes on question one.

1. (a) (i) Differentiate between Magnetic North, True North and Grid North.

(ii) By comparing a 1 : 25,000 and 1: 50,000 map scales show th usefulness of scales in map reading and interpretation.

(b) Study the map extract of part of Tanzania - KILWA KIVINJE (Sheet 256/2) provided and answer the following questions.

(i) Calculate the area covered by cashewnut plantations.

(ii) Comment on the drainage pattern of the area.

(iii) With evidence from the map show how the vegetation is relat to climate.

(iv) Calculate the length of the all weather road between Grid references 292497 and 287570.

(v) Account for the distribution of population in the area shown.

(vi) What type of landscape does the map depict ?

(vii) Name the area where outcrop rock is predominant.

(viii) With evidence from the map name economic activities which be carried out in the area.

2. Study table I provided below and then answer the questions that follo

TABLE I : TANZANIA - LOCAL PURCHASES OF MAIZE DURING 1

YEAR	PURCHASE (000 TONNES)
1970 - 71	186.4
1971 - 72	43.0
1972 - 73	106.4
1973 - 74	73.8
1974 - 75	23.9
1975 - 76	91.1
1976 - 77	126.1
1977 - 78	213.1
1978 - 79	220.4
1979 - 80	161.5
Total	1245.7

Source : Tanzania Notes and Records (1981)

1246

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2. Cont.

   (i) Show the purchase of maize from 1970 – 1980 by a divergent line graph.

   (ii) Give a statement on the trend of the purchases.

   (iii) What are the advantages and disadvantages of this method?

3. Describe how Isopleth maps are constructed. Name the disadvantages of Isopleth maps.

4. Describe the equipment used in Plane table survey. How does Plane Table survey differ from Compass survey?

SECTION B

Answer any three questions from this section.

. Show the interplay of climate, topography and parent material in soil development.

. Account for the structural development of springs.

. Define the following terms:

(a) Canyon

(b) Estuarine coast

(c) Superimposed drainage

(d) Antecedent drainage.

With examples from Africa show the importance of "river regime" studies.

Examine the significance of temperature change in mechanical weathering.

. Explain the process of faulting and its effect on the surrounding landscape.

. Give the life history of a temperate depression and describe the weather conditions associated with the passage of this depression.

. Account for the differences between Equatorial and Monsoon forests.