THE UNITED REPUBLIC OF TANZANIA
NATIONAL EXAMINATIONS COUNCIL
ADVANCED CERTIFICATE OF SECONDARY EDUCATION EXAMINATION

113/1

GEOGRAPHY PAPER 1
(For Both School and Private Candidates)

TIME: 3 Hours 25 May, 1999 P.M.

INSTRUCTIONS

1. Answer **FIVE** (5) questions in all: **TWO** (2) 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 4 printed pages

SECTION A:
(52 Marks)

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

QUESTION ONE = 36 marks.

QUESTIONS 2 – 4 = 16 marks each.

1. Carefully study the map Extract of BABATI (SERIES Y742) provided and answer the following questions:

   (a) Calculate the area covered by plantation agriculture in square kilometres.

   (b) What is the length of the all weather road with loose surface from Grid 930352 to Grid 040339 in kilometres?

   (c) Describe the relief of the area.

   (d) Find the bearing from Grid 050400 to Grid 040350.

   (e) Calculate the gradient from Grid 000315 to Grid 020320.

   (f) With evidence suggest any three possible economic activities.

2. (a) What is plane table survey?

   (b) Outline the functions of instruments used in plane table survey.

   (c) Give advantages and disadvantages of plane table survey.

3. The data below show production of Cash crops in metric tonnes (Hypothetical data).

CROPS	1978	1979	1980	1981	1982	1983	1984
Tea	800	800	2000	2000	2500	3500	4100
Sisal	3000	2500	2000	1000	1500	800	800
Cotton	1000	1800	2500	3000	3100	3500	4000

   (a) Construct a divergent bar graph for tea.

   (b) Comment on the trend of production.

4. Carefully Study the Population pyramids of countries A and B given below and then answer the following questions.

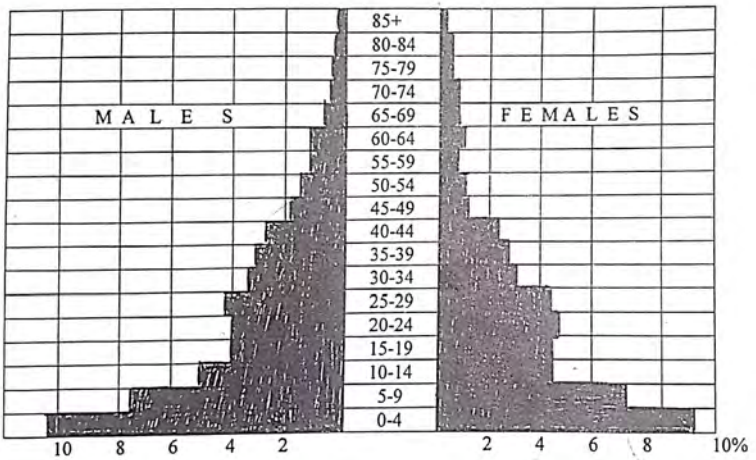
   (a) Describe the Contrasting patterns of population structures in the two figures.

   (b) What is the importance of each shape in the Respective Society?

PUPALATION PYRAMIDS FOR COUNTRIES A & B: PERCENTAGES IN EACH AGE GROUP FOR QUESTION 4.

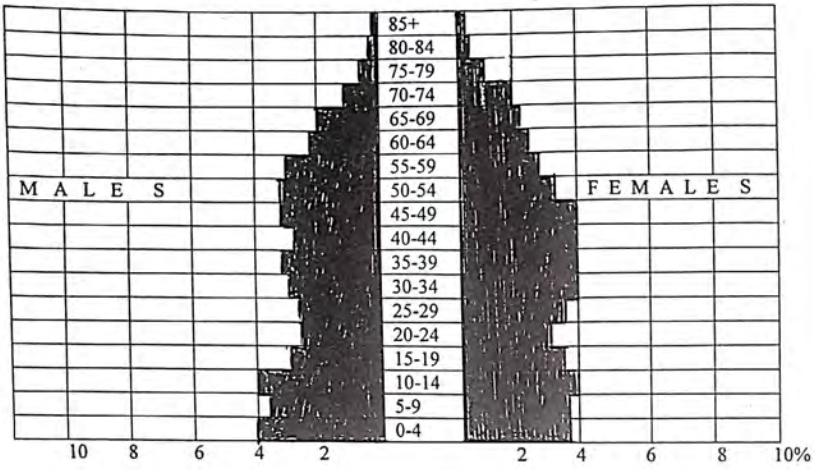
COUNTRY A

AGE GROUP



COUNTRY B

AGE GROUP



SECTION B:

Answer any THREE questions from this section.
(MARKS FOR ANY OF THE THREE QUESTIONS = 16 marks)

5. "LANDFORM is the function of process, structure and stage." Discuss.

6. Soil erosion is a product of human activities. Discuss.

7. Give an account on the difference between Chemical and Physical Weathering.

8. Write short notes on any four of the following:

   (a) Effects of soil erosion.
   (b) Blow hole
   (c) Flood plain
   (d) Yazoo stream
   (e) Exfoliation
   (f) Oxbow lake

9. Classify Igneous rocks.

10. Account for the Location of hot deserts and explain how plants are adapted to this hostile environment.

11. Explain the source and importance of soil organic matter?

12. Discuss the Concept of graded profile of a river.