**THE UNITED REPUBLIC OF TANZANIA**

**NATIONAL EXAMINATION COUNCIL**

**DIPLOMA IN SECONDARY EDUCATION EXAMINATION**

**713** **GEOGRAPHY**

**(SUPPLEMENTARY)**

**Time: 3 Hours.** **Year: 2001**

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**Instructions**

1. This paper consists of sections A, B and C.

2. Answer **all** questions from Section A and **two (2)** questions from each of section B and C.

3. Section A carries **40** marks, Section B and C carry 30 marks each.

4. Cellular phones are **not** allowed inside the examination room.

5. Write your **Examination Number** on every page of your answer booklet

## SECTION A (40 Marks)

Answer all questions in this section.

1. (a) Explain the relationship between climate and vegetation in Africa.
   (b) Describe how human activities influence the natural vegetation of Tanzania.

2. Briefly discuss four (4) geographical factors that determine population distribution in mountainous regions.

3. What are the major problems associated with the extraction of natural gas in developing countries?

4. Identify four (4) differences between renewable and non-renewable sources of energy, using examples.

5. (a) Explain what is meant by "geographical observation".
   (b) Mention two (2) skills a student can develop through this method.

6. State and explain four (4) factors which influence the development of transport systems in Tanzania.

7. (a) What is meant by environmental degradation?
   (b) Outline the measures that can be taken to control it.

8. Describe four (4) ways in which the study of Geography contributes to the economic growth of Tanzania.

9. (a) Define a map scale.
   (b) Distinguish between a linear scale and a ratio scale.

10. Explain the importance of fieldwork in developing geographical knowledge and attitudes among students.

## SECTION B (40 Marks)

Answer any two (2) questions from this section.

11. (a) Identify four (4) characteristics of population pyramids for developing countries.
    (b) With relevant examples, explain how these characteristics affect national development.

12. Evaluate the challenges faced in implementing environmental conservation policies in East African countries.

13. (a) Explain the steps followed in conducting a land use survey.
    (b) Suggest ways of improving accuracy in data collection during such a survey.

14. Discuss the contribution of geographical field studies in promoting critical thinking and decision-making skills in learners.

**SECTION C (20 Marks)**

Answer any two (2) questions from this section.

15. (a) What is meant by a lesson plan?
    (b) Design a lesson outline on the topic "Formation of Mountains" suitable for Form II students.

16. Propose four (4) innovative strategies that can be used to teach map interpretation effectively in secondary schools.

17. Write a lesson plan demonstrating the teaching of "The Water Cycle" using inquiry-based learning techniques.

18. Discuss the significance of assessment tools in evaluating students' mastery of practical geography skills.