THE UNITED REPUBLIC OF TANZANIA

NATIONAL EXAMINATION COUNCIL

DIPLOMA IN SECONDARY EDUCATION EXAMINATION

713 **GEOGRAPHY**

(SUPPLEMENTARY)

Time: 3 Hours. **Year: 2005**

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. Compare four prominent landform belts in the East African region, explaining how each belt shapes agricultural land use and major transport routes.

2. Explain four cultural or economic drivers that commonly result in sustained high fertility in many sub-Saharan populations, giving for each driver one likely social consequence.

3. Identify four immediate medical or social factors that increase newborn and infant fatalities in Tanzania, and for each state a short prevention measure.

4. Describe the working principle of a theodolite, and outline two ways its use in fieldwork improves angular measurement compared with simpler survey tools.

5. Discuss four economic activities that have emerged in formerly glaciated terrain in northern Europe, and explain briefly why glacial legacy supports each activity.

6. Examine two major economic gains and two environmental or social costs associated with expanding international tourism in Tanzania.

7. (a) Provide your own definition of contamination of the environment.
   (b) Give a typology of contamination by receptor and by origin.
   (c) For one receptor you listed, present a brief local example and suggest one mitigation policy.

8. (a) Offer a short definition of pollution as used in geography.
   (b) List four principal media through which pollution operates worldwide.
   (c) Select one media and present two mechanisms by which pollutants are transported.

9. Enumerate and explain four site or resource conditions essential for a river-driven electricity scheme to be feasible.

10. Discuss four contributions geography instruction can make to Tanzania’s planning and disaster-management capacity, giving one concrete example for each.

SECTION B (40 Marks)

Answer **two (2)** questions from this section.

11. A district-level employer claims geography graduates have critical workforce skills. Describe four distinct competencies students gain from geography learning, and for each indicate a job or civic application.

12. (a) What are educational resources used in geography lessons?
    (b) Critically evaluate three benefits and two limitations of using field-based data collection for secondary-school geography.
    (c) Recommend one low-cost device that can increase field accuracy and explain why.

13. During a mapping exercise students recorded features using drone imagery, handheld GPS, and sketches. Critically assess four common techniques for capturing geographic information in terms of accuracy, cost, and student suitability.

14. Explain why a coherent course outline is vital for a geography instructor. In your answer analyze four roles the outline plays in teaching, assessment, resource planning, and continuity across classes.

SECTION C (20 Marks)

Answer **two (2)** questions from this section.

15. (a) Define a structured lesson outline used by teachers.
    (b) Draft a 45-minute lesson outline for Form One about “Daily spin of Earth and observable effects,” including aims, starter activity, main tasks, and assessment.

16. Identify four pedagogical approaches that strengthen students’ competence in practical mapping, give one classroom or field example for each.

17. Produce a lesson plan that applies Think-Pair-Share to teach students how to extract slope information from contour maps, include timings and expected student products.

18. Analyze four functions of assessment in geography classes, and for each suggest an appropriate assessment technique a teacher could use.