THE UNITED REPUBLIC OF TANZANIA

NATIONAL EXAMINATION COUNCIL

DIPLOMA IN SECONDARY EDUCATION EXAMINATION

713 **GEOGRAPHY**

(SUPPLEMENTARY)

Time: 3 Hours. **Year: 2016**

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. Describe four relief types found along the coastal plain and give one effect of each on settlement density.

2. State four social customs that may sustain high birth rates in remote areas.

3. Identify four health-system gaps that contribute to infant deaths and suggest a short-term intervention for each.

4. Explain the role of satellite positioning in field mapping.

5. List four economic outputs that rely on soils formed by past ice movement, and give a short explanation for each.

6. Give two benefits and two problems associated with increased visitor services in protected coastal zones.

7. (a) Give a short definition of environmental harm.
   (b) List two ways it can be categorized, with an example for each.

8. (a) Provide a short statement on what polluting substances are.
   (b) List two point sources and two diffuse sources of land pollution.

9. State four geographic factors essential for an energy dam to be feasible.

10. Outline four ways geography learning fosters community-level problem solving.

SECTION B (40 Marks)

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

11. Discuss four practical competencies geography students gain and give one applied example for each.

12. (a) Define instructional materials for geography.
    (b) Evaluate three merits and one demerit of using charted maps in lessons.

13. Compare four recording formats used during student field surveys and recommend the most suitable for a week-long project.

14. Explain four ways a course guide helps a teacher align lessons with exams.

SECTION C (20 Marks)

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

15. (a) What is included in a teaching plan?
    (b) Write a 45-minute teaching plan on "Rotation evidence: shadow movement", include assessment.

16. Suggest four activities to practice accurate field notes and measurement recording, with a quick example each.

17. Create a Think-Pair-Share lesson to teach map symbol recognition, include timing and expected answers.

18. Give four assessment approaches useful in geography and a one-sentence note on how each informs teaching.