

**THE UNITED REPUBLIC OF TANZANIA
NATIONAL EXAMINATION COUNCIL
DIPLOMA IN SECONDARY EDUCATION EXAMINATION**

713

**GEOGRAPHY
(SUPPLEMENTARY)**

Time: 3 Hours.

Year: 2008

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

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SECTION A (40 Marks)

Answer **all** questions in this section.

1. Distinguish four major physiographic belts in the East African landscape and explain how each belt affects land tenure and farm patterns.
2. Explain four economic incentives or social norms that contribute to persistent high birth rates within certain Tanzanian communities.
3. List four infrastructural or behavioural factors that increase infant mortality in remote Tanzanian villages, and suggest a mitigation action for each.
4. Explain the advantages of using electronic distance-measuring devices in land surveys compared with traditional pacing and chain surveys.
5. Discuss four economic outputs or industries sustained by glacially-formed terrain in northern Europe, and why glaciation favored those industries.
6. Examine two direct economic benefits and two social-environmental costs of expanding hospitality and leisure services in Tanzania.
7. (a) Give a working definition of environmental contamination.
(b) Present a scheme to classify contamination by effect severity and by source type.
(c) Provide an example of industrial contamination and one immediate remedial step.
8. (a) Define pollution as used in environmental studies.
(b) List four dominant pollution forms affecting coastal towns.
(c) Choose one form and explain two short-term impacts on fisheries.
9. Identify four engineering and geographic requirements for a commercially viable hydroelectric facility, and briefly explain each.
10. Describe four ways geography teaching prepares students to participate in land-use planning and natural-resource decisions in Tanzania.

SECTION B (40 Marks)

Answer two (2) questions from this section.

11. Discuss four transferable skills students develop while studying geography, and link each skill to a role in public or private sectors.
12. (a) What do teachers mean by instructional supports in geography?
(b) Critically assess three strengths and one limitation of using virtual field trips in secondary schools.
(c) Recommend two teacher-led demonstrations to explain weather systems.
13. Evaluate four recording methods for geographic investigation field diary, digital sensor logs, sketch maps, and structured questionnaires focusing on their classroom suitability.
14. Discuss four benefits a teacher gains from a detailed subject outline, and give one example per benefit.

SECTION C (20 Marks)

Answer two (2) questions from this section.

15. (a) Explain the components of a lesson plan.
(b) Prepare a 45-minute detailed lesson plan for Form One on “Spin of the Earth and observable consequences,” including an exit assessment.
16. Identify four classroom strategies to develop observational and measurement skills for geography practicals, and give a sample activity for each.
17. Produce a lesson plan that uses Think-Pair-Share for teaching map scale conversion, list expected student outputs and timing.
18. Discuss four roles of assessment in improving geography instruction, and for each recommend a practical classroom tool.