THE UNITED REPUBLIC OF TANZANIA

NATIONAL EXAMINATION COUNCIL

DIPLOMA IN SECONDARY EDUCATION EXAMINATION

713 **GEOGRAPHY**

(SUPPLEMENTARY)

Time: 3 Hours. **Year: 2015**

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. Give four physical features typical of the rift area and one short effect of each on transport.

2. State four demographic pressures that often lead to high fertility in town outskirts.

3. List four hygiene- or nutrition-related contributors to infant deaths and propose a remedy for each.

4. What is the main function of an angular-measuring instrument in surveying?

5. Give four examples of businesses that use glacial soils or landforms and why they do so.

6. Mention two advantages and two disadvantages of expanding accommodation services in small settlements.

7. (a) Offer a brief meaning of pollution.
   (b) Classify pollution by impact zone and list one example of each.

8. (a) Define contamination briefly.
   (b) Name two routine tests used to detect water contamination.

9. Give four hydrological features necessary for a dam to be effective.

10. State four ways geography lessons support disaster awareness in schools.

SECTION B (40 Marks)

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

11. Explain four analytical techniques students learn in geography and give one workplace use for each.

12. (a) What are teaching supports?
    (b) Give three benefits and two limitations of hands-on model maps in class.

13. Evaluate four methods for recording field observations in terms of cost and clarity.

14. Discuss four functions of a syllabus in guiding classroom pacing and assessment.

SECTION C (20 Marks)

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

15. (a) Define a lesson outline.

    (b) Prepare a 45-minute outline on "Rotation effects: tides and sunlight", include starter, main activity, and mini-assessment.

16. Provide four methods to train students in using measuring tapes and clinometers, with an example for each.

17. Build a short Think-Pair-Share session for teaching profile drawing from contours, include timing and success criteria.

18. List four reasons formative checks help teachers, and name one simple instrument to carry out each check.