THE UNITED REPUBLIC OF TANZANIA

NATIONAL EXAMINATION COUNCIL OF TANZANIA

DIPLOMA IN SECONDARY EDUCATION EXAMINATION

750 EDUCATIONAL MEDIA AND TECHNOLOGY

Time: 3 Hour. **Thursday, 08th May 2003 p.m**

Instructions

1. This paper consists of sections **A** and **B.**
2. Answer all questions in sections **A** and **four (4)** questions from section **B.**
3. Read each question carefully before you start answering it.
4. Cellular phones and other unauthorized materials are **not** allowed in the examination room.
5. Write your **Examination Number** on every page of your answer booklet(s).

SECTION A (40 Marks)

Answer all questions in this section.

1. Explain four critical steps a teacher must follow when designing a teaching aid to be used in a practical-based subject like Agriculture or Biology.
2. Describe four ways in which a well-equipped resource room can enhance the implementation of competency-based curriculum in Tanzanian schools.
3. Mention four criteria for determining whether a specific piece of instructional media is inclusive for students with disabilities.
4. Describe four classroom situations where the use of digital simulations may be more effective than using real equipment or materials.
5. Explain four negative outcomes that may arise from poor planning before using educational media in lesson delivery.
6. Identify four ways in which ICT can promote gender equity in the teaching and learning process.
7. Outline the process a teacher should follow to evaluate the effectiveness of a specific instructional material used during a classroom lesson.
8. Highlight four characteristics that distinguish a teaching aid from general classroom decoration.
9. Briefly explain the importance of each of the following in media development: (i) font selection, (ii) target audience analysis, (iii) message clarity, (iv) media appropriateness.
10. Suggest four instructional strategies that teachers can use to ensure maximum learner engagement when using radio as a teaching medium.

SECTION B (60 Marks)

Answer four (4) questions from this section.

11. Discuss five professional practices that should guide teachers in the ethical use of educational media and technology in Tanzanian classrooms.

12. Examine five challenges that secondary school teachers may face in sustaining the use of locally made teaching aids and propose possible solutions.

13. "Access to internet resources alone does not guarantee effective learning." Support this statement with five arguments based on classroom realities.

14. Discuss five types of instructional media that are effective in teaching life skills and explain how each can be applied.

15. Evaluate five long-term benefits of establishing a media production centre within a secondary school.

16. Describe five roles of national institutions (such as TIE and MoEST) in promoting the integration of media and technology in teacher education.

17. Provide five reasons why reflective practice is important when using educational media during lesson presentation.

18. Analyze five common misconceptions that teachers may have about media use in the classroom, and explain their impact on teaching quality.