THE UNITED REPUBLIC OF TANZANIA

NATIONAL EXAMINATION COUNCIL OF TANZANIA

DIPLOMA IN SECONDARY EDUCATION EXAMINATION

750 EDUCATIONAL MEDIA AND TECHNOLOGY

Time: 3 Hour. **Thursday, 09th May 2002 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. Identify four major considerations that teachers should make when selecting media for learners with diverse learning needs.
2. Mention four instructional challenges a teacher may face when teaching a large class without educational media.
3. Explain four ways in which the blackboard can be transformed into an effective interactive teaching tool.
4. Provide four reasons why constant evaluation of teaching media is necessary in the learning process.
5. Differentiate between ephemeral and permanent media materials, giving two examples for each.
6. Identify four characteristics of an effective educational poster.
7. Describe the role of each of the following in the production of instructional media: (i) layout, (ii) spacing, (iii) labeling, (iv) contrast.
8. Explain four ways in which poor design of media can negatively affect students' attention and understanding.
9. Mention four advantages of using a learning resource centre (LRC) in a secondary school.
10. Briefly describe how the following media can support participatory learning: (i) audio recording, (ii) real objects, (iii) bulletin board, (iv) computer simulation.

SECTION B (60 Marks)

Answer four (4) questions from this section.

11. Discuss five essential roles of educational media and technology in supporting inquiry-based learning in secondary education.
12. Explain five principles a teacher should follow when improvising teaching aids from local or recycled materials.

13. Evaluate five impacts of integrating mobile learning tools (such as smartphones and tablets) in classroom teaching.
14. Describe five professional responsibilities of a teacher when using ICT tools for lesson delivery.
15. Discuss five reasons why teachers need to continually update their skills in media and technology use.
16. Analyse five reasons why community participation is essential in supporting the availability and sustainability of educational media.
17. Examine five key features that should be included when developing an educational video for secondary school learners.
18. Explain five limitations of relying solely on textbook-based instruction and how media can address each limitation.