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

750 **EDUCATIONAL MEDIA AND TECHNOLOGY**

Time: 3 Hours **Thursday, 9th May 2013 p.m.**

Instructions

1. This paper consists of sections A and B.
2. Answer **all** questions in section A and any **four (4)** questions from section B.
3. Read each question carefully before you start answering it.
4. All writings should be in blue/black ball point pen except for diagrams that must be drawn in pencil.
5. Cellular phones and calculators are **not** allowed in the examination room.
6. Write your **Examination Number** on every page of your answer booklet(s).

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SECTION A (40 Marks)

Answer **all** questions in this section.

1. Identify four factors to consider during the selection of a film as a teaching resource.

2. Explain four challenges which a teacher is likely to face when using the Internet as a source information.

3. By giving four reasons, briefly explain why audio-visual teaching resource/aids facili retention of learned materials.

4. Give four reasons to justify the importance of editing recorded materials before they are used classroom for teaching and learning purposes.

5. (a) What does the term "concept map" mean?
   (b) State any two ways in which the "concept map" strategy can be used.

6. Briefly explain four advantages of a tape recorder as an audio resource for teaching a learning.

7. Identify four roles of multimedia in the teaching and learning process.

8. Briefly describe the following concepts as used in Educational Media and Technology.
   (a) Audio-visual media
   (b) Interactive media
   (c) Non printed Media
   (d) Compact Disks.

9. Outline any four roles that Educational Media and Technology play in teaching and learning i Tanzanian schools.

10. Give a brief description of any two of the following concepts as used in Educational Media an Technology.
    (a) Texture
    (b) Primary colours
    (c) Secondary colours
    (d) Shape.

SECTION B (60 Marks)

Answer **four (4)** questions from this section.

11. Analyse three benefits and two challenges of using an overhead projector in the teaching and learning process.

12. Elaborate giving five reasons the extent to which educational media and technology is crucial in achieving meaningful learning.

13. "Most teachers prefer to use printed media during teaching and learning process". Support this statement by giving five reasons.

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14. Elaborate by giving at least five stages of using an audio-visual media in teaching and learning process.

15. Explain in details five factors to consider when using a model as a resource in the teaching and learning process.

16. Analyse five ways in which modern media such as television and computers can be used to make teaching and learning more efficient.

17. Examine the role of projected and non projected resources in the teaching and learning process.

18. With examples, describe five ways in which the computer can be used to facilitate teaching and learning in Tanzanian Schools.

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