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

750 EDUCATIONAL MEDIA AND TECHNOLOGY

Time: 3 Hours **Thursday, 10th May 2012 p.m.**

Instructions

1. This paper consists of sections A and B.
2. Answer **all** questions in section A and **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 which must be drawn in pencil
5. Calculators are **not** allowed in the examination room.
6. Cellular phones are **not** allowed in the examination room.
7. 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. Outline four factors which a teacher should consider when preparing materials for teaching and learning.

2. (a) Describe the term improvisation as used in Educational Media and Technology.

   (b) Give four reasons why audio-visual materials can be advantageous over textual materials?

3. Provide four factors which must be considered when evaluating textbooks for classroom use.

4. Which would you prefer, between a grid and a pantograph to enlarge visual aids? Give reasons for your answer.

5. Outline four uses of computers as teaching and learning resources.

6. (a) Give the meaning of the term talking book.

   (b) How is the talking book used in teaching and learning?

7. Give four differences between traditional and modern educational media and technology.

8. Outline four advantages of using textual materials in the teaching and learning process.

9. Briefly describe the following terms as used in Educational media and Technology.

   (a) Learning aids.
   (b) Training materials.
   (c) Instructional media.
   (d) Learning resources.

10. Briefly analyse four forms of educational media and technology that can be used in the teaching and learning process.

SECTION B (60 Marks)

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

11. Identify the methods which can be used for care and maintenance of instructional materials in schools.

12. Analyse three strengths and two challenges of using technologically advanced educational materials in the teaching and learning process.

13. Identify any five categories of printed media and explain how best each category can be used in the teaching and learning process.

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14. By using at least five reasons, demonstrate the importance of using a variety of teaching resources in classroom setting.

15. Describe any three advantages that modern media provide and any two implications to teachers.

16. Analyse five roles that educational media and technology play in Tanzanian schools.

17. Explain five basic characteristics of a good teaching and learning aid.

18. Examine the challenges which teachers can face in Tanzanian schools during the use of modern educational media and technology. Suggest two ways to overcome the challenges identified.

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