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

750 EDUCATIONAL MEDIA AND TECHNOLOGY

Time: 3 Hours **Thursday, 12th May 2011 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. Except for diagrams that must be drawn in pencil, all writings should be in blue/black ball point pen.
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).

This paper consists of 3 printed pages.

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SECTION A (40 Marks)

Answer **all** questions in this section.

1. Outline four strategies used to facilitate effective use of a chalk board.
2. What factors should the teacher consider in order to use a model effectively as a teaching aid in the teaching and learning process?
3. Explain four factors that should be considered by a teacher in designing a visual aid for classroom use.
4. Explain any two roles which creative art play in the teaching and learning process.
5. State four advantages of using graphic materials in the teaching and learning process.
6. Identify four strengths of modern media and technology as teaching and learning tools.
7. Outline two properties of instructional media which are suitable for blind students.
8. Identify and briefly explain the major difference between visual media and audio media.
9. By giving examples elaborate two situations which may necessitate teachers to improvise Educational Media and Technology.
10. Briefly provide any two reasons why recycling of waste materials should be practiced.

SECTION B (60 Marks)

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

11. Discuss five limitations of using electronic media in the teaching and learning process.
12. Over Head Projector (OHP) can be an effective tool in improving classroom practices. Elaborate two aspects which should be considered so as to utilize this tool effectively.
13. Discuss five factors which should be considered during the selection of educational media for teaching and learning purposes.
14. Video as an audio-visual media is useful in supporting the teaching and learning process. Elaborate five important steps which can be employed in order to utilize the media effectively.
15. Broadcasting as a teaching media is advantageous to both students and teachers. Justify this statement by giving five points.

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16. One student reflects on her learning and says "...I hear and I forget; I see and I remember; I touch and I understand". In the context of educational media and technology, provide five arguments to support this statement.

17. Substantiate the contention that effective and efficient teaching and learning lies in the application of educational media and technology.

18. Discuss five roles of educational media and technology during lesson presentation in a classroom.

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