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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, 08th May 2014 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 or 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. Describe the application of the following elements of design in designing instructional materials for classroom use.
   (a) Proximity (c) Contrast
   (b) Alignment (d) Dominance.
2. Briefly elaborate four significance of improvisation in the teaching and learning process.
3. Explain briefly four benefits of modern educational media over tradition media.
4. Identify four strengths which the print medium has in the teaching and learning process.
5. Explain briefly four categories of equipment which can be used in construction of media and technology.
6. Give a brief analysis of any four qualities of a good constructed teaching and learning material.
7. Categorize four storage techniques which can be used in storing instructional media in schools.
8. By giving examples, elaborate four situations in which liquid media are used in the teaching and learning process.
9. Identify four guidelines which teachers should consider during the selection of instructional media equipment for teaching in the classroom.
10. Identify four consequences of neglecting maintenance of educational media and technology to the school.

SECTION B (60 Marks)

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

11. Examine the role of constructed instructional media in the process of teaching and learning.
12. Analyse the merits of combining audio-visual and text over text media during lesson delivery.
13. Analyse five strengths of using audio-visual resources as instructional media during the teaching and learning process.
14. Evaluate five traditional media found in the Tanzanian context which can be used as educational instructional media in classroom settings.
15. Explain five significance of improvisation of teaching and learning resources in schools.
16. Describe five ways in which educational media motivate students in their learning process.

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17. Examine five ways of environmental conservation in relation to educational media for teaching and learning.

18. Explain five guidelines which enable teachers to develop good projected classroom instructions from presentation software.

- content specific
- correlation
- Time
- Topic
- time for discussing / closedown
- Review
- Clear sound / visual impression

↳ 2013 Qn 14.

↓ Good one 18 Qn.

(i) Prepare content (idea to present)
(ii) Picture
(iii) Insert instructions picture related either slides form / randomly.
(iv) Make trial to check
(v) consider time to observe and listen
(vi) Present the content through audio visual media

→ Arouse the interest of learners
→ It change simple ideal to complex
→ It Motivate the learners
→ It Entertain the learners
→ Availability or and cost of resources
→ Relevance to the objective as stated from syllabus
→ Interest of the learners
→ Nature of the class and size
→ Time bound

Qn 1 (a) Proximity – uhusiano, ujirani; ukaribu
(b) Alignment – mfungamano / mfuatao.

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