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

735

AGRICULTURE TEACHING METHODS

Time: 3 Hours **Monday, 16th May 2011 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. Section A carries **forty (40)** marks and section B carries **sixty (60)** marks.
4. Cellular phones are **not** allowed in the examination room.
5. 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. List four uses of a teacher's guide.

2. Name any four basic characteristic features of a good scheme of work.

3. List down four activities which you can perform when teaching "soil textural classes".

4. Explain four factors that should be considered before using a diagram as a teaching and learning aid.

5. Name four advantages of an agricultural field trip.

6. State four objectives which you expect pupils to achieve at the end of teaching and learning the topic "Plant Nutrition" and the sub topic "Mineral Requirements".

7. Briefly explain four curriculum materials.

8. Identify four qualities of a good lesson notes.

9. List down four basic tools that you will use in a practical class on "piglet castration".

10. Describe four criteria used for selecting teaching and learning material.

SECTION B (60 Marks)

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

11. Questioning is a good teaching technique although most teachers experience a lot of problems when using it.

    (a) Describe five problems that teachers face when making effective use of this technique.

    (b) Suggest five ways that can be done to overcome those problems.

12. A Livestock Officer has been invited as a guest speaker on pig Husbandry, Care and Management of baby pigs (piglets). Prepare a summary of the guest's talk to be discussed by your pupils after the presentation.

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13. After teaching a lesson about "agricultural price", prepare a lesson notes for your students. The notes should includes meaning and six uses of agricultural price in agribusiness.

14. Show a layout of a Table of Specification and discuss its four benefits to a subject teacher.

15. (a) Define a subject syllabus.

    (b) Describe the six components of Agriculture science syllabus.

16. There is allegation by Principals of teacher colleges that Block Teaching Practice (BTP) should be stopped because it interferes with classroom teaching time table and is costly. Refute this proposal by elaborating five ways in which Block Teaching Practice (BTP) is helpful to student teachers.

17. Imagine that you have assigned your pupils a task to make their own Herbarium. Describe to your pupils the meaning of the term "Herbarium" and its importance in the study of Agriculture.

18. The rate of illegal fishing in Tanzania is high, causing loss of national income in the fishing sector. Suggest five measures to be taken to alleviate this problem.

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