

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

735

AGRICULTURE TEACHING METHODS

Time: 3 Hours

Monday, 17th May 2010 p.m.

Instructions

1. This paper consists of sections A, B and C.
2. Answer **all** questions in sections A and B and **two (2)** questions from section C.
3. Section A carries 36 marks, section B carries 40 marks and section C carries 24 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.

SECTION A (36 Marks)

Answer **all** questions in this section.

1. Give four characteristics of a good teaching and learning aid.
2. Mention four advantages of a Block Teaching Practice as a part of training to a student teacher.
3. State the difference between formative and summative evaluation as used in teaching Agriculture.
4. State four objectives of establishing a school farm as a laboratory in a biased Agriculture Secondary School.
5. List four (4) importance of a lesson plan.
6. State the four qualities of a good agriculture text book.
7. Give four advantages of using a real object as a teaching and learning aid when teaching Agriculture science.
8. List four (4) different methods used to assess pupils achievement attained from a class of Agriculture science.
9. List the four components of a lesson plan excluding the preliminary informations.

SECTION B (40 Marks)

Answer **all** questions in this section.

10. Note taking is a good teaching technique.
 - (a) Describe six (6) guidelines that pupils should follow when taking notes during a lesson.
 - (b) Name other two (2) teaching techniques which can be used when teaching Agriculture Science.
11. You have invited a livestock officer as a guest speaker on the topic "Animal Nutrition" and subtopic "Feeds and Feeding". Referring to Dairy Nutrition, prepare a summary of the guests's talk to be discussed by your pupils after the presentation.

SECTION C (24 Marks)

Answer **two (2)** questions from this section.

12. Suppose that you are teaching Form Three pupils about "Farm Records". Make a concise summary of meaning and importances of Farm Records that you will target your pupils to know by the end of the lesson.
13. A school farm is a very important teaching/learning resource for Agriculture Science. Write at least six importances you will present to your Head of School to convince him/her to establish a school farm in your school.
14. Imagine that you are a soil scientist who has been invited as a guest speaker on "soil conservation" Prepare a presentation by using the following headings:
- (a) Meaning of soil erosion
 - (b) Agents of soil erosion
 - (c) Effects of soil erosion
 - (d) Control of soil erosion
15. a) Show a layout of a lesson plan.
- b) "Link", "motivate" and "over-view" are very important in lesson introduction. Describe the role of each one.

6 7 8 9