

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

735

AGRICULTURE TEACHING METHODS

Time: 3 Hour.

Monday, 08th May 2017 p.m.

Instructions

1. This paper consists of section **A** and **B**.
2. Answer **all** questions in section A, and **four (4)** questions from section B.
3. Section A carry **forty (40)** 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).

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SECTION A (30 Marks)

Answer all questions from this section.

1. Briefly explain four factors that influence the selection of teaching and learning aids in agriculture.
2. Name four components of the agricultural science syllabus for secondary schools.
3. State four routine maintenance practices for animal housing structures in school farms.
4. List four advantages of using real objects when teaching agriculture.
5. Mention four modern communication techniques that can be used by an agriculture teacher during a lesson.
6. Outline four important characteristics of a good lesson plan in agriculture teaching.

SECTION B (40 Marks)

Answer any four (4) questions from this section.

7. Explain five major components of an effective scheme of work for teaching agriculture in secondary schools.
8. (a) Define formative and summative evaluation.
(b) Highlight three differences between the two in the context of agriculture education.
9. Describe five qualities that make an agriculture textbook suitable for use in classroom teaching.
10. With examples, explain five benefits of teaching agriculture through demonstration method.
11. Outline five important considerations when designing a practical agriculture lesson on poultry management.
12. Identify and explain five common classroom management problems encountered by agriculture teachers and how to address them.

SECTION C (30 Marks)

Answer any two (2) questions from this section.

13. Imagine you are teaching a topic on “Soil Conservation.” Prepare a summary of the lesson that includes:
 - (a) Meaning of soil conservation
 - (b) Types of soil erosion

- (c) Control measures
- (d) Importance of conserving soil

14. You have been posted to a school that has no functional agriculture workshop. As a teacher, explain the steps you would take to establish and equip the workshop, including the role of learners and the community.
15. As an agriculture teacher, defend the importance of Block Teaching Practice (BTP) to teacher trainees by explaining five benefits it offers in professional development.