

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

735

AGRICULTURE TEACHING METHODS

Time: 3 Hour.

Monday, 11th February 2008 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).

maktaba.tetea.org



SECTION A (30 Marks)

Answer all questions from this section.

1. Mention four qualities of a good agricultural extension officer.
2. List four modern methods of weed control and give one example for each.
3. State four characteristics of healthy seedlings ready for transplanting.
4. Give four reasons why keeping farm records is important.
5. Identify four limitations of agriculture practical lessons in secondary schools.
6. Mention four components of an effective lesson note in agriculture.

SECTION B (40 Marks)

Answer any four (4) questions from this section.

7. Explain five uses of farm tools and equipment in practical agriculture lessons.
8. Describe five ways in which school gardens can be used to support teaching and learning.
9. Discuss five contributions of agriculture to the national economy of Tanzania.
10. Describe five steps a teacher should follow when preparing students for a field trip to a research station.
11. Explain five factors that influence the choice of teaching methods in agriculture.
12. Outline five functions of livestock in small-scale farming systems.

SECTION C (30 Marks)

Answer any two (2) questions from this section.

13. Prepare a summary for a Form One agriculture lesson on “Soil Fertility Maintenance,” including:
(a) Definition of soil fertility

- (b) Causes of soil fertility loss
- (c) Methods of maintaining fertility
- (d) Importance of maintaining fertility
- (e) Learners' activities

14. Imagine you have been asked to conduct a school-based project on poultry production. Write a project report including:

- (a) Objectives
- (b) Project activities
- (c) Roles of learners
- (d) Outcomes
- (e) Challenges and recommendations

15. Write an essay discussing five factors contributing to low productivity in small-scale agriculture and propose five possible solutions to improve productivity.