

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

735

**AGRICULTURE TEACHING METHODS**

**Time: 3 Hour.**

**Monday, 11<sup>th</sup> May 2009 p.m.**

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**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. List four characteristics of a good agriculture lesson plan.
2. Mention four common tools used in poultry management and give one use of each.
3. State four factors that affect the selection of livestock breeds for school farms.
4. Outline four principles of crop rotation.
5. Give four examples of instructional materials that can be improvised when teaching agriculture.
6. Identify four benefits of integrating ICT in agriculture education.

### **SECTION B (40 Marks)**

Answer any four (4) questions from this section.

7. Describe five responsibilities of agriculture subject teachers in maintaining the school farm.
8. Explain five key considerations when selecting a site for establishing a school vegetable garden.
9. Outline five ways in which agriculture education promotes environmental conservation.
10. Discuss five advantages of using demonstration as a teaching method in agriculture.
11. Explain five challenges that agriculture teachers may face in preparing and using teaching aids.
12. Describe five uses of records in the management of school agricultural projects.

### **SECTION C (30 Marks)**

Answer any two (2) questions from this section.

13. You are preparing a lesson for Form Three students on "Soil Erosion." Write a summary of your lesson including:

- (a) Definition of soil erosion
- (b) Causes of erosion
- (c) Types of erosion
- (d) Control measures
- (e) Importance of erosion control

14. As an agriculture teacher, write a report of a field visit to a local dairy farm. Include the objectives, activities carried out, what students learned, and recommendations for future visits.
15. Many students in secondary schools are not motivated to study agriculture. Write an essay explaining five causes of this problem and propose five ways to promote learners' interest in agriculture.