

**THE UNITED REPUBLIC OF TANZANIA  
NATIONAL EXAMINATIONS COUNCIL  
ADVANCED CERTIFICATE OF SECONDARY EDUCATION  
EXAMINATION**

**134/3**

**AGRICULTURE 3**

(For Both School and Private Candidates)

**Time: 3 Hours**

**Year: 2011**

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**Instructions**

1. This paper consists of sections **three (3)** questions.
2. Answer **two (2)** questions.
3. Question one (1) carries **twenty (20)** marks and questions **two (2)** and **three (3)** carries **fifteen (15)** marks each.
4. Non-programable calculators may be used.
5. Cellular phones are **not** allowed in the examination room.
6. Write your **Examination Number** on every page of your answer booklet(s).

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1. You are provided with specimens: Z1, Z2, Z3, and Z4.
  - (a)
    - (i) Identify specimens Z1, Z2, Z3, and Z4 by scientific names
    - (ii) Explain how Z1 and Z2 can be preserved for long-term use
    - (iii) Give three reasons why farmers conserve Z1 and Z2
  - (b)
    - (i) Explain how specimen Z4 infests livestock
    - (ii) Mention two livestock that commonly host specimen Z4
    - (iii) Describe the relationship between Z3 and Z4
    - (iv) Outline three methods for controlling specimen Z4
2. You are provided with specimens: AA1, AA2, and AA3.
  - (a)
    - (i) Identify specimens AA1 and AA2
    - (ii) State two roles of specimen AA2 in soil fertility
    - (iii) Mention one danger of excessive use of specimen AA1
  - (b)
    - (i) Identify specimen AA3 by its common name
    - (ii) State two crops affected by the pest in specimen AA3
3. You are provided with specimens: AB1, AB2, AB3, and AB4.
  - (a)
    - (i) Identify specimens AB1, AB2, AB3, and AB4
    - (ii) Give three uses of specimen AB1 on the farm
    - (iii) State two safety precautions when handling specimen AB3
  - (b)
    - (i) Mention two control measures for specimen AB4