

**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: 2010**

---

**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).

maktaba.tetea.org



1. You are provided with specimens: T1, T2, T3, and T4.
  - (a)
    - (i) Identify specimen T1 and state two of its uses
    - (ii) List three symptoms of deficiency of the nutrient supplied by specimen T2
    - (iii) State two methods of applying specimen T3 in the field
  - (b)
    - (i) Identify specimen T4
    - (ii) Explain the role of specimen T4 in animal feed formulation
    - (iii) State two disadvantages of overfeeding livestock with specimen T4
2. You are provided with specimens: U1, U2, and U3.
  - (a)
    - (i) Identify specimen U1 by its botanical name
    - (ii) State one major disease affecting specimen U1 and its vector
    - (iii) Mention two control methods for the disease in specimen U1
  - (b)
    - (i) Identify specimen U2
    - (ii) State three characteristics of specimen U2 that make it suitable for soil improvement
    - (iii) State one limitation of specimen U2
  - (c)
    - (i) Identify specimen U3
    - (ii) Explain its role in livestock nutrition
3. You are provided with specimens: V1, V2, V3, and V4.
  - (a)
    - (i) Identify each specimen V1, V2, V3, and V4
    - (ii) Describe two conditions under which V1 should be used on the farm
    - (iii) State three safety precautions when handling specimen V3
  - (b)
    - (i) Mention two livestock commonly affected by specimen V4
    - (ii) Suggest two control measures against specimen V4