

**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: 2001

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: AL1, AL2, AL3, and AL4.
 - (a)
 - (i) Identify specimen AL1 and its function in soil fertility
 - (ii) Mention three negative effects of excess specimen AL2
 - (iii) State two advantages of using specimen AL3 in crops
 - (b)
 - (i) Identify specimen AL4
 - (ii) State two uses of specimen AL4
 - (iii) Mention one danger of misusing AL4
2. You are provided with specimens: AM1, AM2, and AM3.
 - (a)
 - (i) Identify specimen AM1 by its botanical name
 - (ii) State one pest that attacks AM1 and how it attacks
 - (b)
 - (i) Identify specimen AM2
 - (ii) State three nutritional properties of AM2
 - (c)
 - (i) Identify specimen AM3
 - (ii) Mention three crops attacked by AM3
3. You are provided with specimens: AN1, AN2, AN3, and AN4.
 - (a)
 - (i) Identify specimens AN1 and AN2
 - (ii) State three diseases caused by specimen AN3 in livestock
 - (iii) Mention three methods of controlling AN3
 - (b)
 - (i) Identify specimen AN4
 - (ii) State its effect on milk production in dairy animals