

**CONFIDENTIAL**

**THE UNITED REPUBLIC OF TANZANIA  
NATIONAL EXAMINATIONS COUNCIL  
CERTIFICATE OF SECONDARY EDUCATION EXAMINATION  
NOVEMBER 2014**

034/2

**AGRICULTURAL SCIENCE 2  
(PRACTICAL)**

**24 HOURS ADVANCE INSTRUCTIONS**

**1.0 IMPORTANT**

- 1.1 GREAT CARE MUST BE TAKEN **NOT** TO DIVULGE THESE INSTRUCTIONS TO BOTH CANDIDATES AND UNAUTHORIZED PERSONS EITHER DIRECTLY OR INDIRECTLY.
- 1.2 PLEASE DO **NOT** OPEN THE ENVELOPE CONTAINING THE QUESTION PAPER 24 HOURS BEFORE THE TIME OF COMMENCEMENT OF THE EXAMINATION.

**2.0 LABELS FOR THE SPECIMENS AND TOOLS**

2.1	Bean bruchid.....	M <sub>1</sub> ✓
2.2	Double thorn.....	M <sub>2</sub>
2.3	Witch weed.....	M <sub>3</sub>
2.4	Maize weevil.....	M <sub>4</sub> ✓
2.5	Creeping sedge.....	M <sub>5</sub>
2.6	Tea plant.....	M <sub>6</sub> ✓
2.7	Irish potato (stem tuber).....	M <sub>7</sub>
2.8	Small intestine of ruminant animal.....	N <sub>1</sub> ✓
2.9	Ear notcher.....	N <sub>2</sub> ✓
2.10	Kikuyu grass.....	N <sub>3</sub>
2.11	Trochar and cannula.....	N <sub>4</sub> ✓

for 20/11/2014

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- Tagging  
- Labeling  
- Branding



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2.12	Trimming knife.....	N <sub>5</sub> ✓
2.13	Centro.....	N <sub>6</sub>
2.14	Fish meal.....	N <sub>7</sub> ✓
2.15	Maize meal.....	N <sub>8</sub> ✓
2.16	Farm yard manure.....	Q <sub>1</sub> ✓
2.17	Silt separates.....	Q <sub>2</sub> ✓
2.18	Sand separates.....	Q <sub>3</sub> ✓
2.19	Clay separates.....	Q <sub>4</sub> ✓
2.20	Pipe wrench.....	Q <sub>5</sub> ✓
2.21	Tractor clutch plate.....	Q <sub>6</sub> ✓
2.22	Knapsack sprayer.....	Q <sub>7</sub> ✓

- 3.0 Arrange the specimens on the benches systematically so that during the examination candidates are able to see and identify them with minimum obstruction.