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

for 20/11/2014

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- Tagging
- Labeling
- Branding

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

- 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.