

**CONFIDENTIAL**

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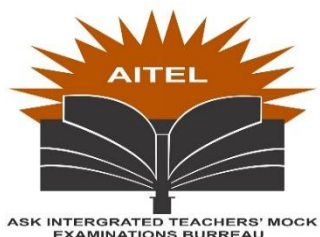
**BIOLOGY**

**PRACTICAL**

**INSTRUCTIONS**

**Paper 2**

**2023**



# **AITEL JOINT MOCK EXAMINATION**

*Uganda Certificate of Education*

**BIOLOGY**

**PRACTICAL**

**Paper 2**

**INSTRUCTIONS**

**CONFIDENTIAL:**

**GREAT CARE SHOULD BE TAKEN THAT THE INFORMATION GIVEN BELOW DOES NOT REACH THE CANDIDATES EITHER DIRECTLY OR INDIRECTLY.**

***Each candidate should be provided with:***

An underground stem of spear grass (*Imperata cylindrical*) labeled A. (10cm length of the specimen with aerial leaves partly cut off)

- Orange solution, labeled C (solution from half ripe orange, add 50cm<sup>3</sup> of orange to 100cm<sup>3</sup> of water to make solution)
- A mortar and pestle
- A Quill feather labeled F
- A Down feather labeled G
- A bean seed labeled J
- Socked maize grain labeled K
- A mature fruit of *Bidens pilosa* labeled L
- Razor blade and knife
- Distilled water
- Measuring cylinder of 10 mls
- Hand lens
- 6 test tubes
- Masking tape for labelling

Access to

- Reagents used for carrying out food tests.
- Source of heat