**These instructions consist of 1 printed page**

**MURANG’A EAST JOINT EXAMINATION**

**BIOLOGY PAPER 3 PRACTICAL REQUIREMENTS**

1.Besides other laboratory fittings and equipment, each candidate will require the following:

-A germinated maize seedling (with the first foliage leaves) labelled **A**

- A germinated bean seedling (with the first foliage leaves) labelled **B**

2. **Each candidate should have:**

**One ripe banana**

**Scalpel/blade**

3. Iodine solution

 Dilute sodium hydroxide solution

 1 % copper (II) sulphate

 Boiling tube

 3 test tubes

 Distilled water

 N- Small intestine of a cow5cm for each student. (Inner contents should intact)