**MWAKICAN JOINT FORM 4 EXAMINATION:2015.**

**Biology paper 3.**

**Paper 231/3.(Practical).**

**CONFIDENTIAL INSTRUCTIONS:**

**NB/Requirement instruments:**

1. **About 10ml of substance L.**
2. **4 clean test tubes on a rack.**
3. **A means of heating**
4. **Test tube holder.**
5. **A scalpel.**
6. **A house fly labeled specimen M.**
7. **A dry bean seed labeled S1.**
8. **A bean seedling labeled S2.**
9. **A maize seedling labeled S3.**
10. **1% copper (II) sulphate solution.**
11. **10% sodium hydroxide solution.**
12. **Benedictۥs solution.**
13. **Iodine solution.**

**Note:**

1. **To make substance L,mix egg albumen and starch.**
2. **Specimen S2 and S3 should be ready 1 week before the exams and must have the seeds intact.**