

## **BIOLOGY PAPER 3.**

Paper 231/3.(Practical).

## **CONFIDENTIAL INSTRUCTIONS:**

## **NB/Requirement instruments:**

- 1. About 10ml of substance L.
- 2. 4 clean test tubes on arack.
- 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  $S_1$ .
- 8. A bean seedling labeled  $S_2$ .
- 9. A maize seedling labeled  $S_3$ .
- 10. 1% copper (II)sulphate solution.
- 11. 10% sodium hydroxide solution.
- 12. Benedict's solution.
- 13. Iodine solution.

## **Note:**

- i. To make substance L, mix egg albumen and starch.
- ii. Specimen  $S_2$  and  $S_3$  should be ready 1 week before the exams and must have the seeds intact.