

BIOLOGY PAPER III

CONFIDENTIAL

FORM FOUR

TIME: 2 HOURS

Each student should have;

1. 4 test tubes and a test tube rack
2. Iodine solution – supplied with dropper
3. 10cm visking tubing labeled J
4. Piece of string 20cm long
5. 10cm³ solution of a mixture of soluble starch and glucose labeled K

N/B. 30g glucose mixed with 3g starch then add 100cm³ water and heat to boil then cool.

6. 500 ml beaker
7. Adequate distilled water/ clean rain water
8. Benedict's solution
9. Means of heating/ Bunsen burner
10. Measuring cylinder – 10 ml
11. A scalpel.
12. A dry bean seed labeled S₁.
13. A bean seedling labeled S₂.
14. A maize seedling labeled S₃.

Specimen S₂ and S₃ should be ready 1 week before the exams and must have the seeds intact.