

BIOLOGY CONFIDENTIAL

Kenya Certificate of Secondary Education (KCSE)

CONFIDENTIAL TO ALL SCHOOLS FOR BIOLOGY TEACHERS

NO ONE ELSE should have access to this paper or acquire knowledge of its contents. The information herein **SHOULD NOT** reach the candidates either directly or indirectly.

Each Candidate will require:

- 15ml of mixture labeled **M** made of:
20% Sugarcane juice solution (from mature cane) and 10% solution of skim milk powder.
- Benedict's solution
- Iodine solution
- 1% Copper Sulphate solution
- 10% Sodium Hydroxide solution
- Sodium Hydrogen Carbonate solution
- Dilute Hydrochloric acid
- Test tube holder
- 4 clean Test tubes on a rack
- Means of heating
- Moss plants labeled **P** (showing Sporophyte with seta and capsule, and Gametophyte with green leaves)
- Fern plants labeled **Q** (showing all parts)
- Hand lens