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**CONFIDENTIAL INSTRUCTIONS TO SCHOOLS**

**231/3**  
**BIOLOGY PRACTICAL**  
Paper 3  
TERM 1 2016

**BIOLOGY PAPER 3**

***CONFIDENTIAL INSTRUCTIONS***

***Requirements per candidate***

1. Pestle and mortar
2. 1 onion bulb (S ) – labeled S (should have all parts) Note : roots, and aerial leaves must be present.
3. Distilled water in wash bottles.
4. Labels – 3 pieces
5. Iodine solution
6. Benedict's solution (5 mls)
7. Measuring cylinder (10 mls)
8. 1 dropper
9. 6 test tubes +
10. Test tube rack
11. source of heat
12. Test tube holder
13. 3 small beakers/containers
14. Spatular.

**N/B: If available specimen S (onion bulb) is dry, place it in moist conditions for about 8 days before the exam to allow root formation and sprouting of aerial leaves.**