

Checklist for students

<p>Question 1</p> <ol style="list-style-type: none"> 1. A 10% and a 1% betalain solution 2. Three cores of raw (uncooked) beetroot tissue with a minimum length of 3 cm 3. A capped bottle labelled 100% alcohol, flammable 4. 200 cm³ distilled water in a capped plastic vial labelled distilled water 5. 250 cm³ beaker labelled tap water (also used in Q2) 6. Plastic ruler (also used in Q2) 7. 12 test-tubes (also used in Q2) 8. Rack or racks to contain at least 12 test-tubes (also used in Q2) 9. Six plastic vials with caps (at least 10 cm³ capacity) 10. Three 10 cm³ syringes 11. Two 1 cm³ syringes 12. A piece of plain white card, approximately 10 cm × 10 cm 13. Eight paper towels 14. Scalpel 15. White tile 16. Blunt forceps 17. Stirring rod 18. Marker pen 19. Stopwatch 20. Beaker for waste, labelled waste 21. Protective gloves 22. Eye protection 	<p>Question 2</p> <p>Each candidate will have sole, uninterrupted use of a microscope for 1 hour 15 minutes only.</p> <ol style="list-style-type: none"> 1. Microscope 2. TTI slide 3. 15 cm³ of plant extract labelled C (in plastic vial) 4. 15 cm³ each of 4.0, 2.0, 1.0, 0.5 mgcm⁻³ ascorbic acid solutions (in plastic vials) 5. 25 cm³ of DCPIP (in plastic vial) 6. 250 cm³ beaker labelled tap water (also used in Q1) 7. Plastic ruler (also used in Q1) 8. Five test tubes (also used in Q1) 9. test-tube rack(s) (also used in Q1) 10. Six 5 cm³ syringes 11. Sticky labels 12. Paper towel
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