

Prep list for Prelim Practical 2017

For Question 1

Per student

Item	Quantity	Remarks
0.5% Starch suspension*	15 cm ³	Starch powder mixed with cold water, unboiled.
1% Amylase + 1% albumin	15 cm ³	Prepare separately as 1% solutions then mix together and labelled as "Solution X".
Iodine*	1:10 dilution, 10 ml	In amber dropping bottle
5ml syringes*	4	
Plastic droppers*	4	
test-tubes*	5	
Plastic vials*	4	
Black card*	1	10cm by 10cm
White tile	1	
Aqueous copper sulfate solution	1 dropping bottle	
Diluted sodium hydroxide	1 dropping bottle	
Microscope slides	3	
Ethanol (denatured) solution	1 dropping bottle	
500ml beaker	1	
Plastic 500ml beaker	1	
Bunsen burner	1	
Tripod stand & wire gauze	1 set	
Spotting tile	1	
test-tube rack	1	
Stop watch	1	
Label stickers	14	
Hand lens	1	
Paper towel	3	
Lighter	1	
Hot water at side bench	-	

* items to be changed per shift

For Question 2

Per student

Item	Quantity	Remarks
Microscope with ×10 eyepiece and ×40 objective lenses	1	
M16390/5 Slide E	1	Each slide contains 3 different samples (Mesophytic, hydrophytic, xerophytic leaf)