

S.5 BIOLOGY PRACTICAL

Confidential information

Each learner should be provided with;

C- 2 Fresh leaves from commelina spp plant

O – 10ml of 1M Sucrose solution

P – 10 ml of 0.3M Sucrose solution

Q – 10 ml of 0.0M Sucrose solution

D – A piece of unripe papaya fruit measuring approx 2cm x 2cm

E – A piece raw sweet potato tuber measuring approx. 2cmx 2cm

F – Solution made by mixing 15g of at pellets in 1 litre of distilled water, decant to form fairly clear solution.

T – piece of fresh skeletal muscle tissue from a mammal, placed in 10 % formaldehyde solution (approx 5g)

Microscope

Measuring cylinder 10ml

3 test tubes

2 boiling tubes

Reagents for carrying out food tests

Heat source

Hot water

Stop clock

Glass slide and cover slip

Transparent ruler

Thermometer

Mortar and pestle

2 plastic beakers

Razor blade

Stoppered container

Leak proof Petri dish

85 learners