

## 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