



# MARANDA HIGH SCHOOL

Kenya Certificate of Secondary Education

## THE MOCK EXAMINATIONS, 2025

**231/3**

**BIOLOGY**

**PAPER 3**

**May/June, 2025**    **TIME: 1<sup>3</sup>/<sub>4</sub> Hrs**    **Tuesday, 3<sup>rd</sup> June, 2025; 7:00-9:30am**

## CONFIDENTIAL

### QUESTION ONE

- ✓ 5 pieces of bean seedlings grown in dark condition for 10 days before experiment. Labeled as **P**
- ✓ 2M hydrochloric acid about 5ml. Labeled as **HCL**
- ✓ 1.4M sodium chloride solution about 10ml. Labeled as **sodium chloride solution**.
- ✓ Metallic spatula.
- ✓ Pestle and motor
- ✓ 10ml measuring cylinders
- ✓ 3 labels
- ✓ 3-Boiling tubes
- ✓ 20ml **hydrogen peroxide solution**.
- ✓ Stop watch/means of timing
- ✓ Scalpel

### QUESTION TWO

- ✓ Freshly obtained Tilapia not less than 15cm long. Labeled as specimen **J**
- ✓ A petri-dish
- ✓ Hand lens

### QUESTION THREE

- ✓ Mature fresh potato tuber. Labeled as **X**.
- ✓ Distilled water in a beaker. Labeled as solution **L<sub>1</sub>**
- ✓ 10% Salt solution in a beaker. Labeled as solution **L<sub>2</sub>**
- ✓ Cork borer