P510/3

Physics Practical

Paper 3

July-August 2023

**ADVANCE INSTRUCTIONS**

****UGANDA MUSLIM TEACHERS’ ASSOCIATION

UMTA JOINT MOCK EXAMINATIONS – 2023

UGANDA ADVANCED CERTIFICATE OF EDUCATION

Physics Paper 3

Confidential

**QUESTION 1.**

1 Retort stand and clamp

1 100g mass

1 knife edge

1 Wooden block about 20cm x 10cm x 10cm

1 Half metre rule

1 Metre rule

1 Piece of thread 20.0 cm long

2 Pieces of thread each 80.0 cm long

1 Stop clock or stop watch

**QUESTION 2.**

1 Soft board

1 Plain sheet of photocopy paper

1 Rectangular glass block

4 Optical pins

4 Drawing pins

1 Geometrical set ruler

**QUESTION 3.**

1 Ammeter (0 – 1A)

1 Voltmeter (0 – 3V or 0 – 5V)

1 Fresh dry cell (size D, 1.5V) in a holder

1 Switch labelled **K**

1 Centre-zero galvanometer

1 Jockey

1 Slide wire potentiometer

1 Half-metre rule

8 Pieces of connecting wire each about 50 cm long

2 Crocodile clips

1 5 ohm standard resistor labelled R=5

1 Piece of bare **nichrome** wire (SWG 28) labelled **P**, of length 60.0cm

**END**