

THE UNITED REPUBLIC OF TANZANIA
PRESIDENT'S OFFICE
REGIONAL ADMINISTRATION AND LOCAL
GOVERNMENT



KWIMBA DISTRICT COUNCIL
FORM FOUR MOCK EXAMINATIONS – 2023

ACTUAL PRACTICAL

03 HOURS ADVANCE INSTRUCTIONS

031/2

PHYSICS 2A

1.0 In addition to normal physics laboratory fittings each student should be provided with the following equipment's

1.1 Question 1

- 1 eureka can
- 1 measuring cylinder of 50cm³ – 100cm³
- Standard masses of 50g, 100g, 150g, 200g and 250g made of the same material
- A piece of nylon thread of about 40cm long
- 1 liter of clear water
- 1 beaker of 500cm³

1.2 Question 2

- 1 Rectangular glass block of dimensions 10.4 x 6.4 x 1.8 cm.
- 4 optical pins
- 4 white sheets of paper A4
- 1 drawing board
- 4 office pins/Thumb pins
- 1 protractor
- 1 ruler of 30 cm
- 1 Vernier caliper