

BUKAKA CLUSTER EXAMINATIONS

Confidential for End of term 1 2025

physics paper 3

Question one

- Metre rule marked A and B.
- Retort stand, clamp and boss.
- Two pieces of thread 30cm long each.
- Mass M of 50g.
- Rubber bands, 10 pieces tied with a string of length 30cm, of mass Q.
- Glass block.
- Soft boards.
- Plain papers.
- Four optical pins.
- Four thumb tacks.
- A protractor.

Question two

- ❖ A retort stand, clamp and boss.
- ❖ A spiral spring which can support 150g.
- ❖ A stop watch.
- ❖ A 50g mass.
- ❖ A 100g mass.
- ❖ A metre rule.
- ❖ A voltmeter 0-5v.
- ❖ An ammeter 0-1A.
- ❖ A Constantine wire of diameter 0.27 ± 0.02 mm and length 52.0cm labeled N mounted on a half metre rule.
- ❖ A nichrome wire of diameter 0.37 ± 0.02 mm and length 52.0 cm labeled Q mounted on a half metre rule.
- ❖ A micrometer screw gauge.
- ❖ Seven connecting wires.
- ❖ Two new dry cells size D.