

KWANZA DISTRICT JOINT EVALUATION EXAM - 2010*Kenya Certificate of Secondary Education (K.C.S.E)*

1. The information contained in this paper is to enable the head of school and the teacher in charge of physics to make adequate preparations for the practical examination . No one else should have access to this paper or acquire knowledge.
2. The apparatus required by each candidate for the Physics practical examination are set out on page 2.
It is expected that the ordinary apparatus of a Physics laboratory will be available
3. The Physics teacher should note that it is his / her responsibility to ensure that each apparatus acquired for this examination agrees with the specification on pages 2.
4. The question paper will NOT be opened in advance
5. Teachers are reminded that electronic calculators may be allowed in the examination rooms
N.B Any use of apparatus other than the ones specified may led to candidates being penalized.

Questions 1

Each candidate will require the following

- Two new dry cells
- Cell holder
- Bulb
- Bulb holder
- Nichrome wire gauge 28 labelled AB mounted on a millimeter scale
- A milliammeter (0 – 1A)
- Voltmeter (0 – 5V)
- Jockey
- Five connecting wires, four with crocodile clips
- A metre rule
- A switch

Question 2

- A metre rule
- A vernier calliper (may be shared one between 3 candidates)
- 50 g mass and 100g mass.
- Two pieces of thread 50cm each
- Paraffin in a beaker about 200 ml)
- A beaker (plastic 250ml)
- Knife edge
- Tissue paper at least 30cm long