

**232/3
PHYSICS
Paper 3
(PRACTICAL)
July/August 2011**

**BARINGO COUNTY EDUCATION IMPROVEMENT
EXAMINATION**

**Kenya Certificate of Secondary Education (K.C.S.E)
PHYSICS
Paper 3
(PRACTICAL)**

INSTRUCTIONS TO SCHOOLS

*The information contained in this paper is to enable the head of the school and the Physics teacher in charge of Physics to make adequate preparations for this year's Physics practical examination. **NO ONE ELSE** should have access to this paper or acquire knowledge of its contents. Great care **MUST** be taken to ensure that the information herein does not reach candidates either directly or indirectly. The teacher in charge of Physics should **NOT** perform any of the experiments or give any information related to these instructions to the candidates.*

Provide the following apparatus to each of the candidates

Question one

- 2 new dry cells (size D)
- Cell holder
- Voltmeter (0-3v) or (0-5V)
- Ammeter (0-1A) or (0-2.5A)
- Five connecting wires
- A SWG32 or 0.28mm Nichrome wire mounted on a mm scale (Teacher to mount)
- Jockey
- A switch
- Micrometer screw gauge (to be shared)

Question Two

- Stand clamp And boss
- Stopwatch/stop clock
- Metre rule
- A spiral spring (spring should have a diameter of 2.16cm and made of a wire whose diameter is 0.4mm)
- Two pieces of wood (to hold the spring)
- Six 50g masses