**LANJET JOINT EVALUATION EXAM**

**JULY/AUGUST 2018**

**Kenya Certificate of Secondary Education**

**Confidential Instructions**

**PHYSICS (232/3)**

**Ensure each Student has the following apparatus;**

**INSTRUCTIONS TO SCHOOLS**

**QUESTION 1**

*Each student should be provided with the following:-*

1. Two 100g masses with a hook.
2. Two strings 30cm long.
3. A metre rule.
4. 25cm high knife edge.
5. 250ml beaker with salt solution (50g salt dissolved in 200ml of water)
6. 250 ml empty measuring cylinder
7. Water

**QUESTION 2**

* + 100cm long wire mounted on the mm scale and marked X, (gauge 32) or diameter 0.25mm
  + 80cm long wire marked W of diameter 0.35mm
  + 10ohm carbon resistor marked R
  + Centre zero galvanometer
  + Two Jockeys / Crocodile clips
  + 9 connecting wires 3 of which are at least 60cm and with crocodile clips at one end.
  + Micrometer screw gauze (to be shared)