Name:	Index No	/_	Adm No
232/3			
PHYSICS PAPER 3			
(PRACTICAL)			
FORM FOUR			
TIME: 2 1/2 hours			

INSTRUCTIONS

- Answer ALL questions in the spaces provided in the question paper.
- You are supposed to spend the first 15 minutes of the 2 % hrs allowed for this paper reading the whole
 paper carefully before commencing your work.
- Marks are given for a clear record of the observations actually made, their suitability, accuracy and the
 use made of them.
- Candidates are advised to record their observations as soon as they are made.
- Non-programmable silent electronic calculators and KNEC mathematical tables may be used except where stated otherwise.
- Candidates should check the question paper to ascertain that all the pages are printed as indicated and that no questions are missing.

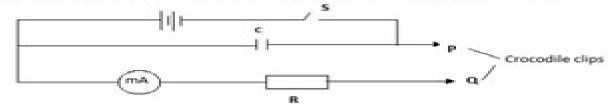
Question one

You are provided with the following:

- 2 new dry cells size D
- A cell holder
- A switch
- A millimeter of range 0 to 1 mA
- A capacitor labeled C
- · 8 connecting wires; at least four with crocodile clips on one end
- A stopwatch
- A carbon resistor labeled R

Proceed as follows

Connect the circuit as shown in the figure 1 below, where P and Q are crocodile clips.



- a. Close the switch S
- Name the process which takes place when the switch S is closed

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