

# PHYSICAL SCIENCES

## PAPER 1

## MAY-JUNE

## MEMO

# 2025

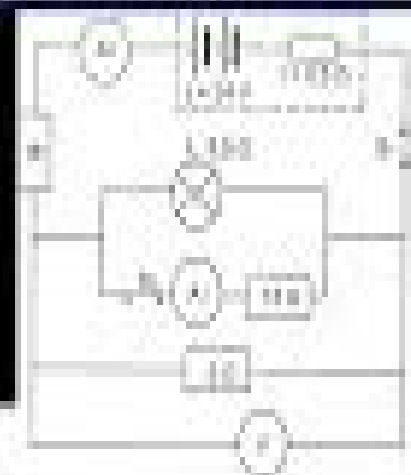
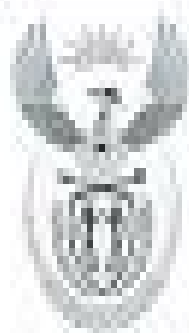
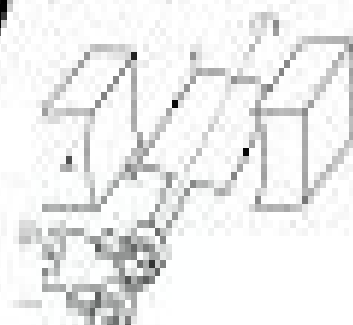


Figure 1: A circuit is shown in which  $E$ , the EMF (12 V) is equal to the voltage across the battery.

1.1 (4 marks)  
State the readings on the voltmeter and ammeter.  
Answer these from 1.1.1 to 1.1.4 and what the unit is, correct the circuit diagram.



- 2.1 (4 marks) Calculate the force  $F$ .
- 2.2 (4 marks) Calculate the torque about the pivot.



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# Memo 2014 Physical Science Paper1 Grade 12

**Dr. Manish Rannjan (IAS)**



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