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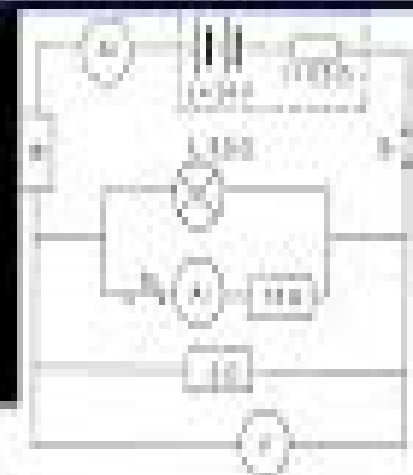
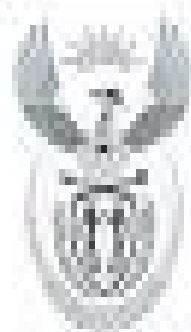
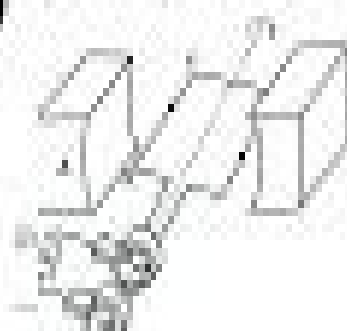


Figure 6: A circuit with two voltmeters, V_1 and V_2 , and an ammeter, A .

- 6.1 (4 marks)
- 6.1.1 Calculate the potential difference across the voltmeter V_1 .
- 6.1.2 Calculate the current through the voltmeter V_2 .



- 7.1 Calculate the moment of the force F about the pivot.
- 7.2 Calculate the magnitude of the force F required to keep the beam in equilibrium.



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