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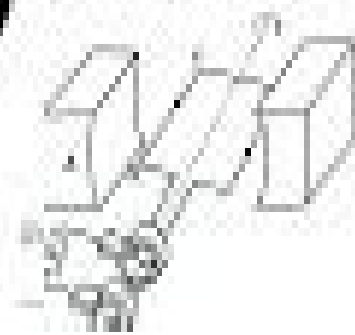
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1. (4 marks)
- 1.1 Calculate the potential difference across the voltmeter V .
- 1.2 Calculate the current through the 12 Ω resistor at the bottom.

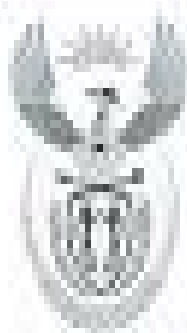


2. (4 marks)
- 2.1 Calculate the force F .
- 2.2 Calculate the torque due to the weight about the pivot.



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