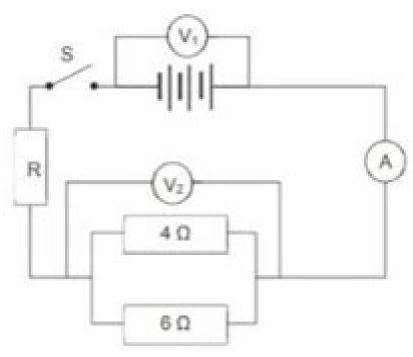
## QUESTION 11 (Start on a new page.)

In the circuit diagram below, the resistance of the battery, ammeter and connecting wires are negligible.



11.1 Explain the meaning of the following:

A current of 5 A (2)

- 11.2 Calculate the effective resistance of the parallel resistors. (3)
- 11.3 Which one of the voltmeters, V<sub>1</sub> or V<sub>2</sub>, will show a reading if the switch is open?
  (1)

How does the english as collected if someon to that as collected if ?

Switch S is now CLOSED.

41.4

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