2009 HIGHER SCHOOL CERTIFICATE EXAMINATION Electrotechnology Centre Number **Section II** Student Number 35 marks **Attempt Questions 16–24** Allow about 45 minutes for this section Answer the questions in the spaces provided. Question 16 (3 marks) Identify the meaning of each symbol in the table. Symbol Meaning 1 (a) 1 (b) 1 (c) **Question 17** (2 marks) 1 (a) Write an equation for Ohm's Law. Calculate the current in the electrical circuit shown. 1 (b) V = 25 V $R = 10 \Omega$

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