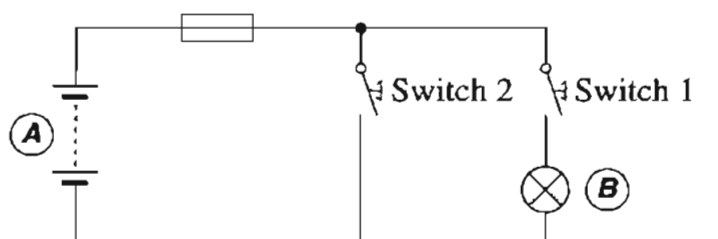


# Electrotechnology

## Section II (continued)

### Question 19 (7 marks)

An electrical circuit is shown.



- (a) Identify the components **(A)** and **(B)**.

		Component	
(i)	<b>(A)</b>	Power supply	1
(ii)	<b>(B)</b>		1

- (b) Describe what will happen if Switch 1 is closed. 2

Path of electricity will travel through the fuse, pass ~~to~~ switch 2, travel down switch 2, pass through component B and back to power supply.

- (c) Describe what will happen if Switch 1 remains closed and Switch 2 is also closed. 3

Path of Electricity will travel through fuse divide accordingly the voltage to travel down both paths and join back past switch 2 and back to the power supply.