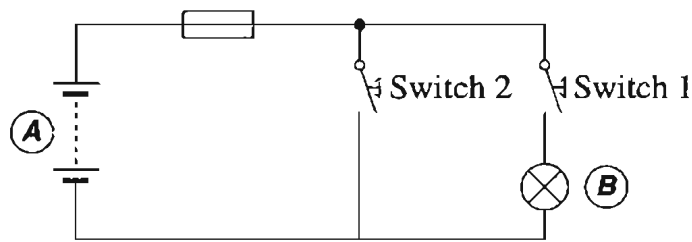


# Electrotechnology

## 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 Source	1
(ii)	<b>(B)</b>	light	1

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

If Switch 1 is closed the light will function.

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

The light remain functioning and current will also flow through Switch 2 and around the circuit.