

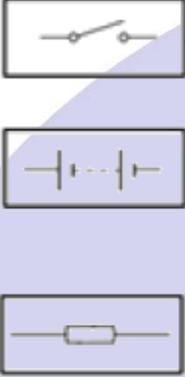
Q1.

Question number	Answer	Mark
	<input checked="" type="checkbox"/> C 	(1) AO1.1
	Only this is the correct symbol for a thermistor	

Q2.

Question Number	Answer	Mark
	<p>The only correct answer is D</p>  <p>A is incorrect because that is the symbol for a diode B is incorrect because that is the symbol for a light dependent resistor C is incorrect because that is a symbol for a motor</p>	(1)

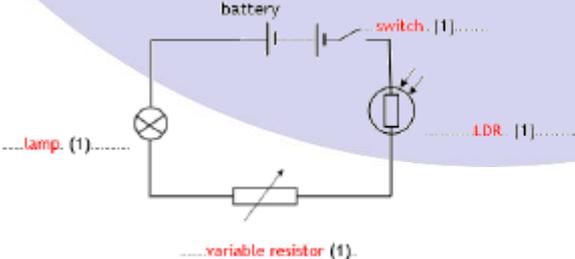
Q3.

Question number	Answer	Additional guidance	Mark
	<p>circuit symbol</p>  <p>description</p> <p>battery</p> <p>LED</p> <p>switch</p> <p>resistor</p>	<p>1 mark for each correct line.</p> <p>more than one line to or from any box loses the mark for that symbol.</p>	<p>(3)</p> <p>AO1</p>

Q4.

	Answer	Acceptable answers	Mark
(i)	D variable resistor		(1)
(ii)	B in parallel with the lamp		(1)

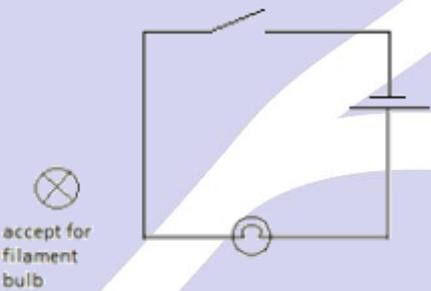
Q5.

Question	Answer	Additional guidance	Mark
		<p>accept lines drawn from the words in the box to the spaces</p> <p>accept bulb for lamp</p>	<p>(4)</p> <p>AO1.1</p>

Q6.

Question number	Answer	Mark
	<p>D variable resistor</p> <p>Options A, B and C are all wrong identifications with both the circuit components shown</p>	<p>(1) AO1</p>

Q7.

Question number	Answer	Additional guidance	Mark
	 <p>accept for filament bulb</p> <p>battery/cell symbol (1) lamp symbol (1) switch symbol (1)</p> <p>then complete series circuit shown (1)</p>	<p>ignore polarity of battery</p>	<p>(4) AO3</p>