Question number		Answer	Accept	Reject	Marks
7	(a)	B			1
	(b)	Any **two** of Energy transfer from supply / electrical energy; Energy transfer to thermal energy (heat) / particle vibration; There is a current (in the heating element); Heating effect of resistance /a resistor;	Electrical → thermal /heat for 2 marks IGNORE: electricity		2
	(c) (i)	Power = current x voltage;	Or equivalent, e.g. Power = voltage x current Voltage = power ÷ current Current = power ÷ voltage P= I x V If (i) is blank, but correct equation written in (ii), then credit.	equation "triangles"	1
	(ii)	Substitution 2000 / 230; Calculation 8.7 (A);	ACCEPT: 8.69 (A)		2
	(iii)	13 A; Only one above working current; dop	OWTTE ORA e.g the others would blow		2

Total 8 marks