Question number	Answer	Notes	Marks
5 (a)	wires have a higher current / voltage;	allow idea that if one breaks the rest will keep working / some can be on but not others / eq	1
(b) (i)	power = current × voltage;	allow standard symbols and rearrangements e.g. P = I × V reject C for current, W for power	1
(ii)	substitution; rearrangement; evaluation; e.g. 2800 = current × 230 (current =) 2800 / 230 (current =) 12 (A)	in either order -1 for POT error allow 12.17...(A)	3
(iii)	(current = 12 / 48 =) 0.25 (A)	allow ecf from (ii)	1

Total for Question 5 = 6 marks