Questio			
n	Answer	Notes	Marks
(b) (i)	any 3 mistakes identified from MP1. cells are connected with wrong polarity; MP2. ammeter is connected in parallel (with wire); MP3. voltmeter is connected in series (with wire); MP4. circuit has not got a switch; suitable scale chosen (> 50% of grid used); axes labelled with quantities and unit; plotting correct to nearest half square (minus one for each plotting error);; line of best fit through zero; = 4 not curve mark	allow RA for any MP allow idea that meters should be swapped for two marks (MP2 and MP3) only scales in 1,2,5,10 or 8 acceptable orientation unimportant points must be shown clearly i.e. two plotting errors = no marks for plotting i.e. smooth curve I V 0.0 0. 0. 0.2 1. 0.7 4. 0.8 6. 1.0 7. 1.1 9.	5
	νν/λογε (Υ) = 5		
(ii)	0.40 A	range 0.39 A to 0.41 A	1
(iii)	One of - MP1. Temperature (of wire) was not constant; MP2. Resistance (of wire) was not constant;		1