Question number			Answer	Notes	Marks
9	(a)		correct voltmeter symbol; voltmeter connected in parallel with resistor;		2
	(b)		light dependent resistor;	allow LDR	1
	(c)	(i)	9(.0) (V);		1
		(ii)	substitution OR rearrangement; evaluation;	allow ecf from (i)	2
			e.g. 9.0 = current × 4500 OR current = voltage / resistance (current =) 0.0020 (A)	allow 0.002 (A)	
		(iii)	substitution OR rearrangement; evaluation in Ω ; conversion to $k\Omega$;	allow ecf from (ii)	3
			e.g. $3.0 = 0.0020 \times resistance$ OR resistance = voltage / current (resistance =) 1500 (Ω) (resistance =) 1.5 ($k\Omega$)		
	(d)		lamp should be connected in parallel with component X / LDR; resistance of component X increases when it gets dark; voltage across component X increases / becomes greater than 10V when it gets dark;		3

Total for Question 9 = 12 marks