	Question number		Answer	Notes	Marks
6	(a)		correct symbol for voltmeter in parallel with any component; voltmeter drawn in parallel with the LDR;		2
	(b)	(i)	V = I × R;	allow any re-arrangement allow word equation condone 'i' for current reject 'c' or 'C' for current	1
		(ii)	substitution; evaluation;	POT error gives 1 mark penalty	2
			e.g. $V = 7.8 \times 10^{-3} \times 73$ V = 0.57 (V)	allow 0.5694 (V) for both marks '0.6 (V)' scores 1 mark	
		(iii)	idea that voltages of two resistors in series adds up to supply voltage; calculation of correct voltage;	allow ecf from 6(c)(ii)	2
			e.g. $V_{cell} = 1.5 = V_{LDR} + V_{resistor}$ $V_{LDR} = 1.5 - 0.56(94)$ $V_{LDR} = 0.93$ (V)	allow 0.9306 (V) for both marks	
	(c)	(i)	resistance decreases (with increasing L.I); non-linear/decreasing rate/curve;		2
		(ii)	increases;		1
		(iii)	larger current means larger voltage across fixed resistor; total voltage remains constant;		2

Total for Question 6 = 12 marks