Name	:	Date & Time of Practical:
Student Number:		Name of your TA1:
	Pre-Practi	cal Question Sheet 6
box at blank	the front when you arrive to Practicals	rief answers to the questions below, and turn in the sheet to the this week. (Alternatively, you may write out the answers on a out your name, date & time of Practical at the top, and clearly
1.	Here are three charges: $q_1=1~\mu\mathrm{C}$, q_2 smallest?	$_{\rm c}=1~{\rm pC}$, $q_{\rm 3}=1~{\rm nC}$. Which is the largest? Which is the
2.	What is the approximate resistivity of electrical resistance across a cubic me	dry air? What is the approximate (order of magnitude) of the tre of dry air?
3.	For a capacitor, what is the relationshi	p between charge, Q , capacitance, C , and voltage, V ?
4.		with a battery, then disconnect the battery. What happens to the ct a wire between the plates; what happens to the charge on the

Mark out of 2: