

Static electricity

Mark scheme

1.	(a)	(i)	(bottom or other ends) move apart or repel <i>accept they move apart</i>	1	
		(ii)	have <u>same</u> charge <i>accept both have negative charge (from part (b) do not credit both have positive charge</i> same or like charges repel <i>not just opposite charges attract</i>	2	
	(b)		positive	1	
			electrons	1	
			cloth	1	
			polythene <i>accept strips</i>	1	
	(c)	(i)	conductors <i>accept metals</i>	1	
		(ii)	insulators <i>accept non-conductors/poor conductors do not credit non-metals</i>	1	[9]
2.	(a)	(i)	Ends have charge Which is opposite on each rod	2	
		(ii)	Attracts	1	
	(b)	(i)	Repulsion	1	
		(ii)	Ends have same charge	1	
	(c)		Electrons move between cloth and rod Where gather is negative Where move from is positive	3	[8]