n a laboratory den op of a coulombm				zinc was placed	on
a) The following			Saure charge.		
<ul><li>under norm</li><li>when the zinc</li></ul>	al lighting condi nc was illuminat decreased as tim	tions the charge ted with ultravious ne passed	e remained consta plet light, the mag arge on the zinc of	nitude of the ch	
In each case the	e initial charge of	n the zinc was t	he same.		
Explain these of	bservations.				(6)
b) For one sheet of The following	of zinc, the charge		nes was measured	d.	
The following of the fo	graph was obtain	ed.		d.	
The following of the fo	graph was obtain	x x	<	d. ×	<b>→</b>
charge charge x x x x x x x x x x x x x x x x x x x	graph was obtain	× × time	< .		<b>→</b>
The following	graph was obtain	time	< .		<b>&gt;</b>
The following	ests that this is an	time	< .		(3)
The following	ests that this is an	time	< .		(3)
The following	ests that this is an	time	< .		(3)
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The following	ests that this is an	time	< .		(3)