

<ul style="list-style-type: none"><li>What is the electrochemical potential of the following cell at 25 °C? <math display="block">\text{Fe} \mid \text{FeSO}_4 (0.010 \text{ M}) \parallel (\text{FeSO}_4 (0.100 \text{ M}) \mid \text{Fe}</math></li></ul> <div data-bbox="726 757 1316 828" style="border: 1px solid black; padding: 5px; text-align: right;">Answer:</div>	<b>Marks</b> <b>3</b>
<ul style="list-style-type: none"><li>Calculate the mass of aluminium which can be produced with the same quantity of electricity that is used to produce 1.00 kg of copper metal.</li></ul> <div data-bbox="726 1379 1316 1451" style="border: 1px solid black; padding: 5px; text-align: right;">Answer:</div>	<b>2</b>
<ul style="list-style-type: none"><li>Explain why Na(s) cannot be obtained by the electrolysis of aqueous NaCl solutions.</li></ul>	<b>2</b>