

<ul style="list-style-type: none">• Explain the following terms or concepts.	Marks 3
a) Lipid bilayer A 2-dimensional self-assembled structure consisting of two layers of lipids with their non-polar (hydrophobic) tails pointing inwards and their polar (hydrophilic) heads at the interface with the solution.	
b) Oxidation number The charge an atom would have if all the electrons involved in covalent bonds were allocated to the more electronegative of the 2 atoms they are shared between.	
c) Electrolysis The process of forcing a non-spontaneous redox reaction to occur by providing sufficient energy in the form of an applied electrical potential.	