



Question		Answer	Marks	Guidance
	(c) (i)	<p><b>property</b> hydrophobic (region / fatty acid tails) ✓</p> <p><b>explanation</b> (helps to) form bilayer / separates two aqueous regions ✓</p> <p><b>property</b> (region) contains cholesterol ✓</p> <p><b>explanation</b> regulates (membrane) fluidity / AW ✓</p>	2 max	<p><b>IGNORE</b> stability for explanations</p> <p><b>property</b> MUST be linked to its <b>explanation</b></p>
	(c) (ii)	<p>compartmentalisation</p> <p><b>OR</b></p> <p>form / surround , (named) organelles ✓</p> <p>purpose of / need for , compartments / separation ✓</p> <p>sites of , chemical reactions / electron carriers / photophosphorylation / chemiosmosis / oxidative phosphorylation ✓</p> <p>provide attachment sites for , enzymes / pigments ✓</p> <p>allow formation of concentration gradients ✓</p>	2 max	<p>e.g. separating organelles from cytoplasm</p> <p>e.g. form vesicles for transport is <b>MP1</b> and <b>MP2</b></p> <p><b>ALLOW</b> ETC for electron carriers</p> <p><b>ALLOW</b> correctly named enzyme e.g. ATP synthase</p>
		<b>Total</b>	<b>11</b>	