

Question	Marking Guidance	Mark	Comments
07.1	1. Dissolve in alcohol, then add water; 2. White emulsion shows presence of lipid;	2	
07.2	Glycerol;	1	
07.3	Ester;	1	
07.4	Y (no mark) Contains double bond between (adjacent) carbon atoms in hydrocarbon chain;	1	
07.5	1. Divide mass of each lipid by total mass of all lipids (in that type of cell); 2. Multiply answer by 100;	2	
07.6	Red blood cells free in blood/not supported by other cells so cholesterol helps to maintain shape;	1	Allow converse for cell from ileum – cell supported by others in endothelium so cholesterol has less effect on maintaining shape
07.7	1. Cell unable to change shape; 2. (Because) cell has a cell wall; 3. (Wall is) rigid/made of peptidoglycan/murein;	2 max	