

Question Number	Answer	Additional guidance	Mark
1 (a)	<p>The only correct answer is C polysaccharide</p> <p><i>A is incorrect because starch and cellulose are not phospholipids</i></p> <p><i>B is incorrect because starch and cellulose are not polypeptides</i></p> <p><i>D is incorrect because starch and cellulose are not triglycerides</i></p>		(1)

Question Number	Answer	Additional guidance	Mark
1 (b)	<p>The only correct answer is A amyloplast</p> <p><i>B is incorrect because starch is not stored in a mitochondrion</i></p> <p><i>C is incorrect because starch is not stored in a tonoplast</i></p> <p><i>D is incorrect because starch is not stored in a vacuole</i></p>		(1)

Question Number	Answer	Additional guidance	Mark
1(c)	<p>An answer that makes reference to three of the following:</p> <p>Similarity</p> <ul style="list-style-type: none"> • both {polymers / polysaccharides} containing (1,4) glycosidic bonds (1) • both consist of glucose (1) <p>and max two differences:</p> <ul style="list-style-type: none"> • cellulose contains β-glucose (molecules) whereas starch contains α-glucose (molecules) (1) • cellulose contains 1,4 (glycosidic bonds) whereas {starch / amylopectin} contains 1,4 and 1,6 (glycosidic bonds) (1) • cellulose is linear (molecule) whereas {starch / amylopectin} contains branches (1) 	<p>Full marks can only be awarded if there is a similarity in the answer.</p> <p>Do not piece together.</p> <p>Accept cellulose is unbranched whereas {starch / amylopectin} is branched</p>	(3)