

Question Number	Answer	Mark
6 (a)	1. plants can be {re-grown / sustainable / eq} OR starch {renewable / sustainable} OR <u>oil</u> is { non- sustainable / non-renewable eq} ; 2. idea of biodegradability ; 3. idea of cheapness ;	(2)

Question Number	Answer	Mark												
6 (b)	<table border="1"> <thead> <tr> <th>Statement</th><th>Starch</th><th>Cellulose</th></tr> </thead> <tbody> <tr> <td>Consists of microfibrils held together by hydrogen bonds</td><td>✗</td><td>✗</td></tr> <tr> <td>Found in amyloplasts</td><td>✓</td><td>✗</td></tr> <tr> <td>Made up of β-glucose monomers</td><td>✗</td><td>✓</td></tr> </tbody> </table> 1 mark for each correct row ;;;	Statement	Starch	Cellulose	Consists of microfibrils held together by hydrogen bonds	✗	✗	Found in amyloplasts	✓	✗	Made up of β -glucose monomers	✗	✓	(3)
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6 (c)(i)	1. chloroplast (s) ;	(1)

Question Number	Answer	Mark
6 (c)(ii)	<ol style="list-style-type: none"> 1. (it has) ribosomes {floating / inside membrane / eq}/ in rER {ribosomes not floating / are attached (to membranes) / not inside} / eq ; 2. it has DNA / rER does not contain DNA / eq ; 3. idea of presence of internal membranes e.g. thylakoid membrane, grana ; 4. (it has) a {double membrane / envelope}/ rER does not have a {double membrane / envelope} / eq ; 5. no {flattened sacs / cisternae} / eq ; 6. contains starch / eq ; 	(2)

Question Number	Answer	Mark
6 (d)	<ol style="list-style-type: none"> 1. <u>both</u> are used for (structural) support / eq ; 2. only xylem (vessels) transport water / eq ; 3. only xylem (vessels) transport mineral ions / eq ; <p>allow converse for 2nd and 3rd marking points</p>	(3)