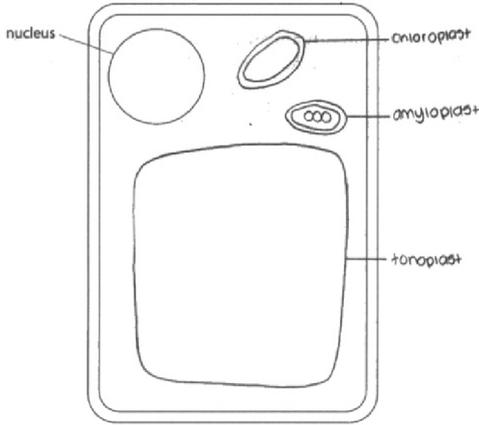


Question Number	Answer	Additional guidance	Mark
<b>1(a)</b>	<p>An answer that makes reference to the following points:</p> <ul style="list-style-type: none"> <li>• amyloplast drawn and labelled (1)</li> <li>• chloroplast drawn and labelled (1)</li> <li>• tonoplast drawn and labelled (1)</li> </ul>	<p><u>Example of diagram</u></p>  <p>{amyloplast/chloroplast} &lt; nucleus &lt; tonoplast ignore internal details of structure</p> <p>do not accept the wrong location for the structures</p> <p>do not accept double membrane on tonoplast tonoplast label should touch membrane</p>	<b>(3)</b>

Question Number	Answer	Additional guidance	Mark
<b>1(b)</b>	<ul style="list-style-type: none"> <li>• modifies and packages {proteins/enzymes} / processes and packages lipids</li> </ul>	<p>ACCEPT modifies {proteins/enzymes/lipids} / packages {proteins/enzymes/lipids}</p> <p>do not accept synthesises proteins</p> <p>do not accept ref to proteins being packaged for transport to GA</p>	<b>(1)</b>

Question Number	Answer	Mark																									
<b>1(c)</b>	<table border="1"> <thead> <tr> <th>Structure</th> <th>Archaea only</th> <th>Bacteria only</th> <th>Eukarya only</th> <th>More than one domain</th> </tr> </thead> <tbody> <tr> <td>Cell membrane</td> <td style="text-align: center;">☒</td> <td style="text-align: center;">☒</td> <td style="text-align: center;">☒</td> <td style="text-align: center;">☒</td> </tr> <tr> <td>nucleolus</td> <td style="text-align: center;">☒</td> <td style="text-align: center;">☒</td> <td style="text-align: center;">☒</td> <td style="text-align: center;">☒</td> </tr> <tr> <td>cell wall</td> <td style="text-align: center;">☒</td> <td style="text-align: center;">☒</td> <td style="text-align: center;">☒</td> <td style="text-align: center;">☒</td> </tr> <tr> <td>70S (small) ribosome</td> <td style="text-align: center;">☒</td> <td style="text-align: center;">☒</td> <td style="text-align: center;">☒</td> <td style="text-align: center;">☒</td> </tr> </tbody> </table>	Structure	Archaea only	Bacteria only	Eukarya only	More than one domain	Cell membrane	☒	☒	☒	☒	nucleolus	☒	☒	☒	☒	cell wall	☒	☒	☒	☒	70S (small) ribosome	☒	☒	☒	☒	<b>(4)</b>
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