

Question Number	Answer	Additional Guidance	Mark															
1(a)	<table border="1"> <thead> <tr> <th>Organelles</th> <th>Prokaryotic cell</th> <th>Eukaryotic cell</th> </tr> </thead> <tbody> <tr> <td>centrioles</td> <td>x</td> <td>✓</td> </tr> <tr> <td>flagella</td> <td>✓</td> <td>✓</td> </tr> <tr> <td>Golgi apparatus</td> <td>x</td> <td>✓</td> </tr> <tr> <td>ribosomes</td> <td>✓</td> <td>✓</td> </tr> </tbody> </table> <p>1 mark for any two correctly completed boxes ;</p>	Organelles	Prokaryotic cell	Eukaryotic cell	centrioles	x	✓	flagella	✓	✓	Golgi apparatus	x	✓	ribosomes	✓	✓	Blanks are incorrect Composite tick and cross are incorrect unless clearly replaced	(4)
Organelles	Prokaryotic cell	Eukaryotic cell																
centrioles	x	✓																
flagella	✓	✓																
Golgi apparatus	x	✓																
ribosomes	✓	✓																

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1(b) (i)	D mitochondria, rough endoplasmic reticulum and smooth endoplasmic reticulum;	(1)

Question Number	Answer	Mark
1(b) (ii)	B plasmodesmata ;	(1)

Question Number	Answer	Mark
1(b) (iii)	D a cell wall and ribosomes ;	(1)

Question Number	Answer	Mark
1(b) (iv)	B molecular phylogeny ;	(1)

Question Number	Answer	Mark
1(b) (v)	B Archaea and Bacteria ;	(1)