

Question Number	Answer	Mark
2(a)(i)	organ has {many / eq} functions, tissue has {one / fewer / eq}, organ has {many / several / eq} {cell types / tissues}, tissue has {one / fewer / eq} ;	(1)

Question Number	Answer	Mark
2(a)(ii)	both have cells {working together / for the same function / eq} ;	(1)

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2(b)	<table border="1"> <thead> <tr> <th>Description of Organelle</th> <th>Name of Organelle</th> </tr> </thead> <tbody> <tr> <td>Several curved membrane-bound sacs of decreasing size</td> <td>golgi (apparatus / body) ;</td> </tr> <tr> <td>A pair of cylinders arranged at right-angles to each other</td> <td>{centrioles / centrosome / eq} ;</td> </tr> <tr> <td>Small spheres with a single membrane that are filled with hydrolytic enzymes</td> <td>lysosome(s) ;</td> </tr> </tbody> </table>	Description of Organelle	Name of Organelle	Several curved membrane-bound sacs of decreasing size	golgi (apparatus / body) ;	A pair of cylinders arranged at right-angles to each other	{centrioles / centrosome / eq} ;	Small spheres with a single membrane that are filled with hydrolytic enzymes	lysosome(s) ;	(3)
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2(c)	<p><b>Drawing (max 2):</b></p> <ol style="list-style-type: none"> <li>1. {double membrane / nuclear envelope} obvious ;</li> <li>2. nuclear pores shown ;</li> <li>3. (1 or more) nucleoli present ;</li> </ol> <p><b>Labels (max 2):</b></p> <ol style="list-style-type: none"> <li>4. (nuclear) envelope / <u>double</u> membrane / {<u>inner</u> / <u>outer</u>} (nuclear) membrane ;</li> <li>5. (nuclear) pore ;</li> <li>6. nucleolus ;</li> <li>7. correct reference to chromatin / nucleoplasm ;</li> </ol>	<p><b>max (4)</b></p>