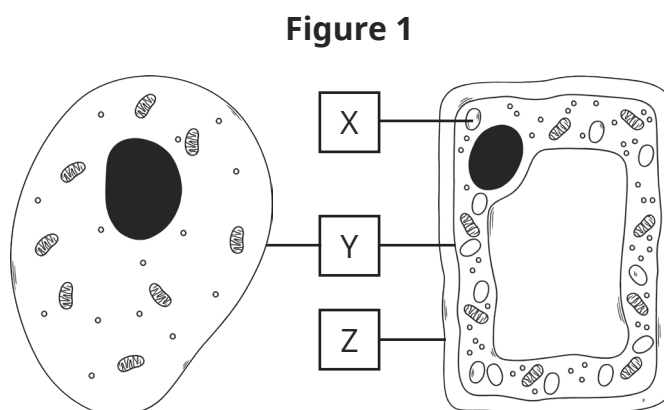


01

Figure 1 shows a typical animal cell and a typical plant cell.

Three parts of the cell have been labelled X, Y and Z.



01.1

Give the name of the sub-cellular structure labelled **X**.

[1 mark]

01.2

Give the name of the sub-cellular structure labelled **Y**.

[1 mark]

01.3

Give the name of the sub-cellular structure labelled **Z**.

[1 mark]

01.4

Both animal cells and plant cells contain ribosomes and mitochondria.

What is the function of ribosomes?

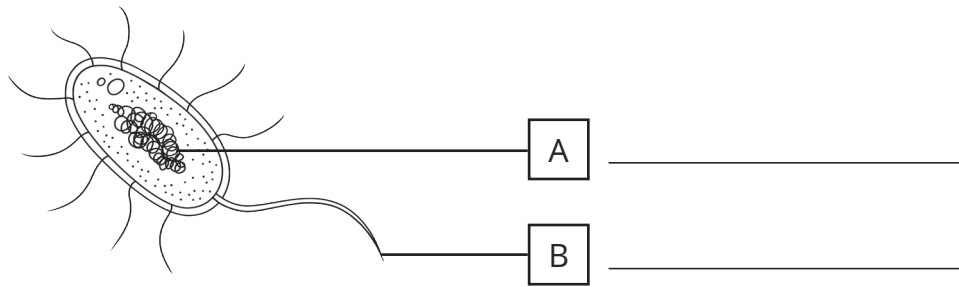
[1 mark]

01.5

What is the function of mitochondria?

[1 mark]

0 2

Figure 2 shows a prokaryotic cell.**Figure 2**

0 2 . 1

Complete **Figure 2** by labelling structures **A** and **B**.

[2 marks]

0 2 . 2

Give the function of structure **B**.

[1 mark]

0 2 . 3

Compare the structure of the cell in **Figure 2** to the structure of a typical plant cell.

[4 marks]

7

Figure 3

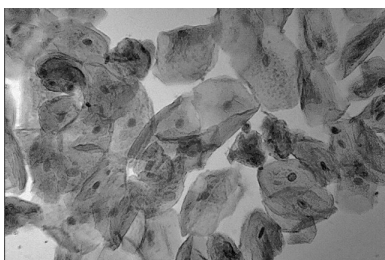


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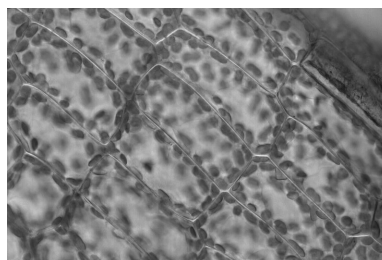


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0	3	.	1
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[2 marks]

0	3	.	2
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[6 marks]

[illegible]