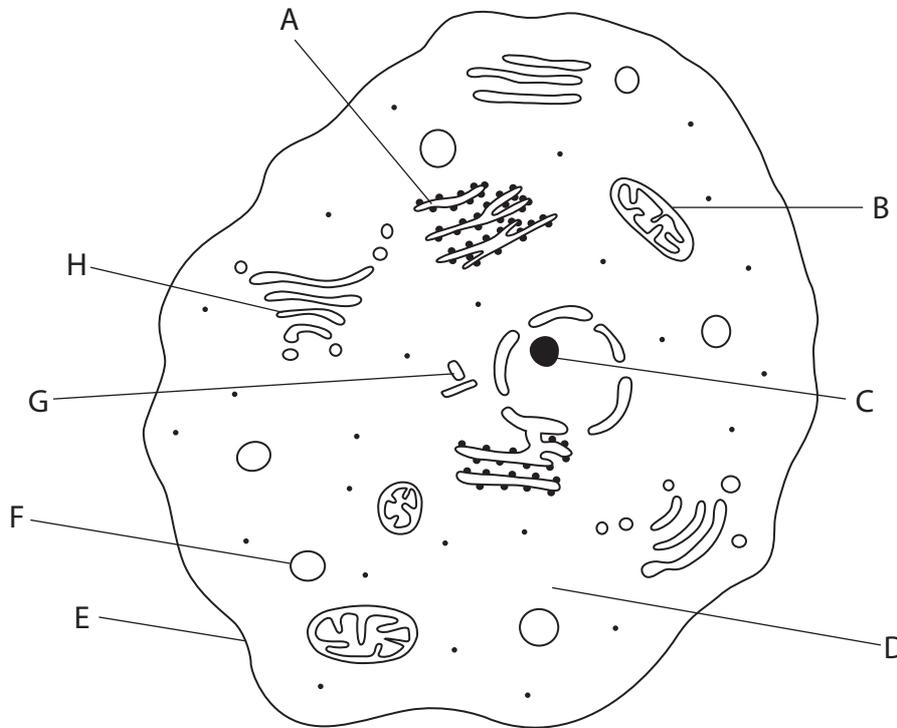


Answer ALL questions.

Some questions must be answered with a cross in a box ☒. If you change your mind about an answer, put a line through the box ☒ and then mark your new answer with a cross ☒.

1 The diagram below shows a typical animal cell as seen using an electron microscope.



(a) Name the organelles labelled A, B and C shown on the diagram.

(3)

A

B

C

(b) Give the letter of the organelle that doubles just before mitosis and then separates to opposite poles of the cell during mitosis.

(1)

.....



(c) Give the letter of the organelle that would **not** be present when this cell is undergoing mitosis.

(1)

(d) Place a cross (☒) in the correct box next to the following statements.

(2)

Statement	Yes	No
The structure labelled D is present in both animal and plant cells.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
The structure labelled E is the outermost layer in both animal and plant cells.	<input type="checkbox"/>	<input checked="" type="checkbox"/>

(Total for Question 1 = 7 marks)

