

Animal and plant cells

1 Match each function to the correct sub-cellular structure. One has been done for you.
(3 marks, ★)

Absorbs sunlight for photosynthesis

Contains the genetic material of the cell

Provides strength to the cell

Filled with cell sap to keep the plant turgid

Cytoplasm

Nucleus

Permanent vacuole

Cell membrane

Chloroplasts

Cellulose cell wall

DO IT!



Mark the student answer below using the mark scheme, and suggest how to improve the answer.

What are the differences between animal and plant cells? (3 marks, ★★)

Plant cells have a cell wall, chloroplasts and vacuoles, and animal cells do not.

MARK SCHEME

Plant cells have a cellulose cell wall (1), chloroplasts (1) and a permanent vacuole (1), and animal cells do not.

Number of marks for student's answer:

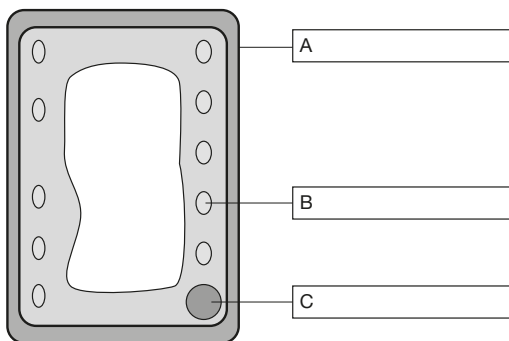
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How to improve the answer:

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2 The image shows a plant cell.



a Label the structures A, B and C. (3 marks, ★★)

A

B

C

b Explain why cells near the surface of a leaf contain more of structure B. (2 marks, ★★)

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NAIL IT!

If a question is worth two marks, then you must make two separate points.