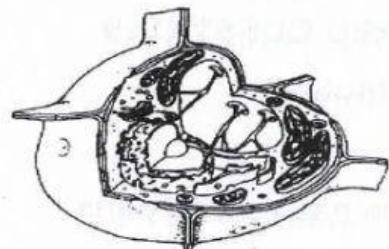


1. CELLS

The diagrams show two different types of cells.



An Animal Cell



A Plant Cell

(a). What is a cell?

[2]

(b). 'Cells must work together to perform basic life processes which helps to keep organisms alive.'

Name **TWO** life processes of cells.

(i) _____

[1]

(ii) _____

[1]

(c). 'All cells have a cell membrane.'

Name **TWO** materials that can pass through the cell membrane.

(i) _____

[1]

(ii) _____

[1]

[GO ON]

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(d). 'All cells have a nucleus.'

Why is the nucleus an important part of the cell?

[1]

(e) . (i). What is the name of the green substance that is found in the cells of green plants?

[1]

(e) (ii). Explain what would happen if the green substance you named in (e) (i) was missing from the cells of a green plant?

[2]

[TOTAL MARKS 10]

[GO ON]