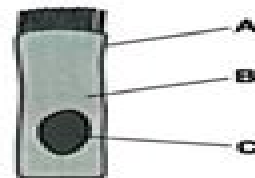


1 The human body is made of different types of cells.

(a) Look at the diagram of a ciliated cell.



Name structures A, B and C.

A cell membrane

B cytoplasm

C nucleus

[3]

(b) A red blood cell is adapted to carry oxygen in the human body.



red blood cell

Describe two ways a red blood cell is adapted to carry oxygen in the human body.

Give an explanation for each adaptation.

adaptation there is haemoglobin inside red blood cell.

explanation it is to carry oxygen to all the other cells.

adaptation There is biconcave disc inside it.

explanation It allows the cells to bend and fold to pass

through the smallest capillaries.

So large surface area for diffusion of oxygen [4]

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