

Science

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(Chapter 5)(The Fundamental Unit of Life)(Intext Questions)

Class - 9

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Question 1:

Who discovered cells and how?

Answer 1:

Cells were discovered in 1665 by an English Botanist, Robert Hooke. He used a primitive microscope to observe cells in a cork slice.

Question 2:

Why is the cell called the structural and functional unit of life?

Answer 2:

Cells constitute various components of plants and animals. A cell is the smallest unit of life and is capable of all living functions. Cells are the building blocks of life. This is the reason why cells are referred to as the basic structural and functional units of life. All cells vary in their shape, size, and activity they perform. In fact, the shape and size of the cell is related to the specific functions they perform.

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