

## Biology Part 1 Flashcards PDF

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What is the basic unit of life?

The cell.

What is the process by which plants make their own food?

Photosynthesis.

What is the genetic material found in all living organisms?

DNA.

What organelle is known as the powerhouse of the cell?

The mitochondria.

What is the term for a group of similar cells that perform a specific function?

A tissue.

What is the process by which cells divide to form new cells?

Cell division.

What is the name of the process by which organisms maintain a stable internal environment?

Homeostasis.

What is the primary function of ribosomes in a cell?

Protein synthesis.

What type of bond holds the two strands of DNA together?

Hydrogen bonds.

What is the role of enzymes in biological reactions?

To speed up the reactions.