

MCAT Flashcards AAMC PDF

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What is the primary function of the kidneys?

The primary function of the kidneys is to filter blood, remove waste, and regulate fluid and electrolyte balance.

What is the role of hemoglobin in the blood?

Hemoglobin's role in the blood is to transport oxygen from the lungs to the body's tissues and return carbon dioxide from the tissues back to the lungs.

What is the difference between mitosis and meiosis?

The difference between mitosis and meiosis is that mitosis results in two identical daughter cells, while meiosis results in four genetically diverse gametes.

What is the function of the mitochondria?

The function of the mitochondria is to produce energy in the form of ATP through the process of cellular respiration.

What is the significance of the pH scale in biology?

The significance of the pH scale in biology is that it measures the acidity or alkalinity of a solution, which can affect enzyme activity and overall cellular function.