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General Questions

Practice Questions

Q1. What role does the pancreas play in digestion?

A. Produces bile
B. Secretes digestive enzymes and bicarbonate
C. Absorbs nutrients
D. Regulates appetite

Solution: The pancreas produces digestive enzymes and bicarbonate, which are secreted into the small intestine to aid in the digestion of carbohydrates, proteins, and fats.

Q2. Which of the following is a key regulatory mechanism for maintaining homeostasis in the gastrointestinal system?

A. Negative feedback loops
B. Positive feedback loops
C. Hormonal regulation
D. All of the above

Solution: All of the above mechanisms play a role in maintaining homeostasis in the gastrointestinal system, ensuring proper digestion and nutrient absorption.

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