

Page 1

Answer 1A)

Stomach: Breaks down food using digestive acids and enzymes.

Small Intestine: Absorbs nutrients from the digested food into the bloodstream.

[DIAGRAM: A diagram of the human digestive system, labeled with parts such as mouth, esophagus, stomach, liver, gallbladder, small intestine, large intestine, pancreas, rectum, and anus.]

Answer 1B Plant cells have a cell wall and chloroplasts, which are absent in animal cells. These structures help the plant maintain shape and carry out photosynthesis.

[DIAGRAM: A diagram of a plant cell, labeled with parts such as nucleus, nucleolus, ribosomes, rough endoplasmic reticulum, smooth endoplasmic reticulum, golgi apparatus, cell wall, cell membrane, peroxisome, chloroplast, amyloplast, mitochondrion, vacuole, and cytoskeleton.]

Page 2

Answer 2A) Photosynthesis is the process by which green plants make their own food using sunlight, carbon dioxide, and water. It produces glucose (food) and oxygen, which is essential for animals and humans to breathe.

Answer 2B) Arteries: Carry oxygen-rich blood away from the heart to the body.

Veins: Carry carbon dioxide-rich blood back to the heart.

Capillaries: Tiny vessels where exchange of gases and nutrients takes place between blood and tissues.