

What is the primary function of the large intestine

- A. Digest food
- B. Store nutrients
- C. Produce bile
- D. Absorb water and electrolytes

Answer: D. Absorb water and electrolytes

How long is the average adult human large intestine

- A. 10 feet
- B. 7 feet
- C. 3 feet
- D. 5 feet

Answer: D. 5 feet

What is the largest part of the large intestine called

- A. Rectum
- B. Appendix
- C. Colon
- D. Small intestine

Answer: C. Colon

What is the main role of the colon in the large intestine

- A. Produce enzymes

- B. Digest food
- C. Store waste
- D. Absorb water and electrolytes

Answer: D. Absorb water and electrolytes

What is the purpose of the large intestine in the digestive system

- A. Produces enzymes for digestion
- B. Stores bile
- C. Absorbs water and salts from undigested food
- D. Regulates blood sugar levels

Answer: C. Absorbs water and salts from undigested food

What is the function of the rectum in the large intestine

- A. To absorb nutrients
- B. To produce enzymes
- C. To store and expel waste material from the body
- D. To regulate water balance

Answer: C. To store and expel waste material from the body

What are some common disorders that can affect the large intestine

- A. Crohn's disease
- B. Asthma
- C. Diabetes
- D. Hypertension

Answer: A. Crohn's disease

What is the role of bacteria in the large intestine

- A. Regulate blood pressure
- B. Stimulate bone growth
- C. Help digest proteins
- D. Break down food particles and produce vitamins

Answer: D. Break down food particles and produce vitamins

What is the process of peristalsis in the large intestine

- A. Production of enzymes in the large intestine
- B. Muscle contractions that move food through the large intestine
- C. Breakdown of food in the large intestine
- D. Absorption of nutrients in the large intestine

Answer: B. Muscle contractions that move food through the large intestine

What are the main differences between the small intestine and the large intestine

- A. Color and shape
- B. Location in the body
- C. Size and function
- D. Blood supply and nerve innervation

Answer: C. Size and function

What is the importance of fiber in maintaining a healthy large intestine

- A. Promotes healthy digestion
- B. Increases risk of colon cancer
- C. Has no impact on large intestine health
- D. Causes constipation

Answer: A. Promotes healthy digestion

How does the large intestine absorb water from waste material

- A. Through osmosis
- B. Through facilitated diffusion
- C. Through active transport
- D. Through diffusion

Answer: A. Through osmosis

How does the large intestine contribute to the immune system

- A. It houses beneficial bacteria that help fight off harmful pathogens
- B. It produces antibodies
- C. It releases white blood cells
- D. It filters out toxins from the blood

Answer: A. It houses beneficial bacteria that help fight off harmful pathogens

What is the connection between the large intestine and gut health

- A. The large intestine plays a key role in absorbing water and nutrients from food.

- B. The large intestine is not related to gut health.
- C. The large intestine has no impact on digestion.
- D. The large intestine is only responsible for storing waste.

Answer: A. The large intestine plays a key role in absorbing water and nutrients from food.

How does the large intestine help in the elimination of waste from the body

- A. Filters waste from the blood
- B. Stores waste in the body
- C. Absorbs water and forms solid waste
- D. Helps break down food into nutrients

Answer: C. Absorbs water and forms solid waste

What are some lifestyle factors that can affect the health of the large intestine

- A. Exercise
- B. Diet
- C. Stress
- D. Sleep

Answer: B. Diet

How does the large intestine play a role in maintaining electrolyte balance

- A. Excretes electrolytes
- B. Stores electrolytes
- C. Absorbs water and electrolytes
- D. Produces electrolytes

Answer: C. Absorbs water and electrolytes

What are some dietary recommendations for promoting a healthy large intestine

- A. Eat high-fiber foods
- B. Avoid all fruits and vegetables
- C. Consume only processed foods
- D. Skip drinking water

Answer: A. Eat high-fiber foods

How does the large intestine contribute to overall digestive health

- A. Regulates blood sugar levels
- B. Absorbs water and electrolytes
- C. Aids in taste perception
- D. Produces stomach acid

Answer: B. Absorbs water and electrolytes

What are some symptoms of a malfunctioning large intestine

- A. Muscle cramps
- B. Diarrhea
- C. Coughing
- D. Headache

Answer: B. Diarrhea

