

Anatomy & A&P 23 Digestive System MCQ

Author: OpenStax College

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4. Chapter: A&P 23 Digestive System MCQ

1. A&P 23 Digestive System MCQ Questions

4.1.1. Which of these organs is not considered an accessory digestive stru...

Author: OpenStax College

Which of these organs is not considered an accessory digestive structure?

Please choose only one answer:

- mouth
- salivary glands
- pancreas
- liver

Check the answer of this question online at QuizOver.com:

Question: [Which of these organs is not considered OpenStax College Anatomy](#)

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4.1.2. Which of the following organs is supported by a layer of adventitia...

Author: OpenStax College

Which of the following organs is supported by a layer of adventitia rather than serosa?

Please choose only one answer:

- esophagus
- stomach
- small intestine
- large intestine

Check the answer of this question online at QuizOver.com:

Question: [Which of the following organs is supported OpenStax College Anatomy](#)

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4.1.3. Which of the following membranes covers the stomach?

Author: OpenStax College

Which of the following membranes covers the stomach?

Please choose only one answer:

- falciform ligament
- mesocolon
- parietal peritoneum
- visceral peritoneum

Check the answer of this question online at QuizOver.com:

Question: [Which of the following membranes covers OpenStax College Anatomy](#)

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4.1.4. Which of these processes occurs in the mouth?

Author: OpenStax College

Which of these processes occurs in the mouth?

Please choose only one answer:

- ingestion
- mechanical digestion
- chemical digestion
- all of the above

Check the answer of this question online at QuizOver.com:

Question: [Which of these processes occurs in the OpenStax College Anatomy Quest](#)

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4.1.5. Which of these processes occurs throughout most of the alimentary c...

Author: OpenStax College

Which of these processes occurs throughout most of the alimentary canal?

Please choose only one answer:

- ingestion
- propulsion
- segmentation
- absorption

Check the answer of this question online at QuizOver.com:

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4.1.6. Which of the following stimuli activates sensors in the walls of di...

Author: OpenStax College

Which of the following stimuli activates sensors in the walls of digestive organs?

Please choose only one answer:

- breakdown products of digestion
- distension
- pH of chyme
- all of the above

Check the answer of this question online at QuizOver.com:

Question: [Which of the following stimuli activates OpenStax College Anatomy](#)

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4.1.7. Which of these statements about reflexes in the GI tract is false?

Author: OpenStax College

Which of these statements about reflexes in the GI tract is false?

Please choose only one answer:

- Short reflexes are provoked by nerves near the GI tract.
- Short reflexes are mediated by the enteric nervous system.
- Food that distends the stomach initiates long reflexes.
- Long reflexes can be provoked by stimuli originating outside the GI tract.

Check the answer of this question online at QuizOver.com:

Question: [Which of these statements about reflexes OpenStax College Anatomy](#)

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4.1.8. Which of these ingredients in saliva is responsible for activating ...

Author: OpenStax College

Which of these ingredients in saliva is responsible for activating salivary amylase?

Please choose only one answer:

- mucus
- phosphate ions
- chloride ions
- urea

Check the answer of this question online at QuizOver.com:

Question: [Which of these ingredients in saliva is OpenStax College Anatomy](#)

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4.1.9. Which of these statements about the pharynx is true?

Author: OpenStax College

Which of these statements about the pharynx is true?

Please choose only one answer:

- It extends from the nasal and oral cavities superiorly to the esophagus anteriorly.
- The oropharynx is continuous superiorly with the nasopharynx.
- The nasopharynx is involved in digestion.
- The laryngopharynx is composed partially of cartilage.

Check the answer of this question online at QuizOver.com:

Question: [Which of these statements about the pharynx OpenStax College Anatomy](#)

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4.1.10. Which structure is located where the esophagus penetrates the diaph...

Author: OpenStax College

Which structure is located where the esophagus penetrates the diaphragm?

Please choose only one answer:

- esophageal hiatus
- cardiac orifice
- upper esophageal sphincter
- lower esophageal sphincter

Check the answer of this question online at QuizOver.com:

Question: [Which structure is located where the OpenStax College Anatomy Quest](#)

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4.1.11. Which phase of deglutition involves contraction of the longitudinal...

Author: OpenStax College

Which phase of deglutition involves contraction of the longitudinal muscle layer of the muscularis?

Please choose only one answer:

- voluntary phase
- buccal phase
- pharyngeal phase
- esophageal phase

Check the answer of this question online at QuizOver.com:

Question: [Which phase of deglutition involves OpenStax College Anatomy Quest](#)

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4.1.12. Which of these cells secrete hormones?

Author: OpenStax College

Which of these cells secrete hormones?

Please choose only one answer:

- parietal cells
- mucous neck cells
- enteroendocrine cells
- chief cells

Check the answer of this question online at QuizOver.com:

Question: [Which of these cells secrete hormones OpenStax College Anatomy Quest](#)

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4.1.13. Where does the majority of chemical digestion in the stomach occur?

Author: OpenStax College

Where does the majority of chemical digestion in the stomach occur?

Please choose only one answer:

- fundus and body
- cardia and fundus
- body and pylorus
- body

Check the answer of this question online at QuizOver.com:

Question: [Where does the majority of chemical OpenStax College Anatomy Quest](#)

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4.1.14. During gastric emptying, chyme is released into the duodenum through...

Author: OpenStax College

During gastric emptying, chyme is released into the duodenum through the _____.

Please choose only one answer:

- esophageal hiatus
- pyloric antrum
- pyloric canal
- pyloric sphincter

Check the answer of this question online at QuizOver.com:

Question: [During gastric emptying chyme is released OpenStax College Anatomy](#)

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4.1.15. Parietal cells secrete _____.

Author: OpenStax College

Parietal cells secrete _____.

Please choose only one answer:

- gastrin
- hydrochloric acid
- pepsin
- pepsinogen

Check the answer of this question online at QuizOver.com:

Question: [Parietal cells secrete . OpenStax College Anatomy Physiology 23:](#)

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4.1.16. In which part of the alimentary canal does most digestion occur?

Author: OpenStax College

In which part of the alimentary canal does most digestion occur?

Please choose only one answer:

- stomach
- proximal small intestine
- distal small intestine
- ascending colon

Check the answer of this question online at QuizOver.com:

Question: [In which part of the alimentary canal does OpenStax College Anatomy](#)

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4.1.17. Which of these is most associated with villi?

Author: OpenStax College

Which of these is most associated with villi?

Please choose only one answer:

- haustra
- lacteals
- bacterial flora
- intestinal glands

Check the answer of this question online at QuizOver.com:

Question: [Which of these is most associated with OpenStax College Anatomy Quest](#)

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4.1.18. What is the role of the small intestine's MALT?

Author: OpenStax College

What is the role of the small intestine's MALT?

Please choose only one answer:

- secreting mucus
- buffering acidic chyme
- activating pepsin
- preventing bacteria from entering the bloodstream

Check the answer of this question online at QuizOver.com:

Question: [What is the role of the small intestine OpenStax College Anatomy](#)

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4.1.19. Which part of the large intestine attaches to the appendix?

Author: OpenStax College

Which part of the large intestine attaches to the appendix?

Please choose only one answer:

- cecum
- ascending colon
- transverse colon
- descending colon

Check the answer of this question online at QuizOver.com:

Question: [Which part of the large intestine attaches OpenStax College Anatomy](#)

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4.1.20. Which of these statements about bile is true?

Author: OpenStax College

Which of these statements about bile is true?

Please choose only one answer:

- About 500 mL is secreted daily.
- Its main function is the denaturation of proteins.
- It is synthesized in the gallbladder.
- Bile salts are recycled.

Check the answer of this question online at QuizOver.com:

Question: [Which of these statements about bile is OpenStax College Anatomy](#)

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4.1.21. Pancreatic juice _____.

Author: OpenStax College

Pancreatic juice _____.

Please choose only one answer:

- deactivates bile.
- is secreted by pancreatic islet cells.
- buffers chyme.
- is released into the cystic duct.

Check the answer of this question online at QuizOver.com:

Question: [Pancreatic juice . OpenStax College Anatomy Physiology 23: The Quest](#)

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4.1.22. Where does the chemical digestion of starch begin?

Author: OpenStax College

Where does the chemical digestion of starch begin?

Please choose only one answer:

- mouth
- esophagus
- stomach
- small intestine

Check the answer of this question online at QuizOver.com:

Question: [Where does the chemical digestion of starch OpenStax College Anatomy](#)

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4.1.23. Which of these is involved in the chemical digestion of protein?

Author: OpenStax College

Which of these is involved in the chemical digestion of protein?

Please choose only one answer:

- pancreatic amylase
- trypsin
- sucrase
- pancreatic nuclease

Check the answer of this question online at QuizOver.com:

Question: [Which of these is involved in the chemical OpenStax College Anatomy](#)

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4.1.24. Where are most fat-digesting enzymes produced?

Author: OpenStax College

Where are most fat-digesting enzymes produced?

Please choose only one answer:

- small intestine
- gallbladder
- liver
- pancreas

Check the answer of this question online at QuizOver.com:

Question: [Where are most fat-digesting enzymes OpenStax College Anatomy Quest](#)

Flashcards:

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4.1.25. Which of these nutrients is absorbed mainly in the duodenum?

Author: OpenStax College

Which of these nutrients is absorbed mainly in the duodenum?

Please choose only one answer:

- glucose
- iron
- sodium
- water

Check the answer of this question online at QuizOver.com:

Question: [Which of these nutrients is absorbed mainly OpenStax College Anatomy](#)

Flashcards:

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