



Selvam College of Technology

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An ISO 9001:2015 Certified Institution, Approved by AICTE New Delhi, Affiliated to Anna University-Chennai
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Mobile: 9942099122, 9942099109, Web: www.selvamtech.edu.in

Name of the Bundle	Advanced Bundle V2	Subject	Competitive Exams Training (Science & Geography)
Topic	Digestive System	Last updated on	05 January 2026

1. Which organ produces bile and plays a crucial role in the digestion of fats?

- A) Stomach
- B) Small intestine
- C) Liver
- D) Pancreas

Ans: C) Liver

2. In which part of the digestive system does most nutrient absorption occur?

- A) Stomach
- B) Small intestine
- C) Large intestine
- D) Esophagus

Ans: B) Small intestine

3. Which organ stores bile and releases it into the small intestine to aid in the digestion of fats?

- A) Liver
- B) Gallbladder
- C) Stomach
- D) Pancreas

Ans: B) Gallbladder

4. Which part of the alimentary canal is responsible for the absorption of water and electrolytes and the formation of feces?

- A) Stomach
- B) Small intestine
- C) Large intestine
- D) Esophagus

Ans: C) Large intestine



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5. Which of the following structures in the mouth is responsible for mechanical digestion by grinding and crushing food?

- A) Incisors
- B) Canines
- C) Molars
- D) Premolars

Ans: C) Molars

6. Which type of teeth is primarily responsible for cutting and tearing food?

- A) Incisors
- B) Canines
- C) Molars
- D) Premolars

Ans: A) Incisors

7. The gut is also called as _____.

- A) Tubular gut
- B) Small intestine
- C) Alimentary canal
- D) Buccal cavity

Ans: C) Alimentary canal

8. What is the main digestive enzyme found in the stomach?

- A) Amylase
- B) Lipase
- C) Pepsin
- D) Trypsin

Ans: C) Pepsin



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9. In the digestive system, the Windpipe is referred to as _____.

- A) Larynx
- B) Trachea
- C) Glottis
- D) Epiglottis

Ans: B) Trachea

10. In which part of the small intestine does most nutrient absorption occur?

- A) Duodenum
- B) Jejunum
- C) Ileum
- D) Pylorus

Ans: B) Jejunum

11. Which type of teeth are typically used for grinding and crushing food in the back of the mouth?

- A) Incisors
- B) Canines
- C) Molars
- D) Premolars

Ans: C) Molars

12. How does food move through your digestive tract?

- A) By gravity
- B) By wavelike muscle contractions
- C) By cilia
- D) By chemical absorption

Ans: B) By wavelike muscle contractions



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13. In the digestive system of humans, epiglottis is a _____.

- A) Flap like a bone
- B) Flap-like cartilage
- C) Part of the voice box
- D) Part of the windpipe

Ans: B) Flap-like cartilage

14. What does the liver do to help digestion?

- A) Makes important enzymes
- B) Neutralises stomach acid
- C) Produces bile
- D) Regulates insulin

Ans: C) Produces bile

15. Secretion produced by the salivary gland is poured into _____.

- A) Buccal cavity
- B) Alimentary gut
- C) Trachea
- D) Tubular gut

Ans: A) buccal cavity

16. Which of these best maintains intestinal health?

- A) Starches
- B) Vitamins
- C) Fiber
- D) Fat

Ans: C) Fiber



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17. Which of these can cause heartburn?

- A) Being overweight
- B) Lying down soon after eating a large meal
- C) Eating high-fat foods
- D) All of the above

Ans: D) All of the above

18. Which of these causes ulcers?

- A) Bacterial infection in the stomach
- B) Aspirin and other anti-inflammatory medicines
- C) Chronic stress
- D) A and B

Ans: D) A and B

19. Situated above the larynx and behind the root of the tongue is _____.

- A) Epiglottis
- B) Glottis
- C) Incisors
- D) Salivary gland

Ans: A) Epiglottitis

20 The disease caused by a deficiency of nicotinic acid is _____.

- A) Anaemia
- B) Osteomalacia
- C) Xerophthalmia
- D) Pellagra

Ans: D) Pellagra



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21. Which enzyme is responsible for breaking down carbohydrates in the mouth?

- A) Amylase
- B) Protease
- C) Lipase
- D) Pepsin

Ans: A) Amylase

22. What is the function of bile in digestion?

- A) Emulsify fats
- B) Break down proteins
- C) Break down carbohydrates
- D) None of the above

Ans: A) Emulsify fats

23. Which hormone stimulates the release of digestive enzymes from the pancreas?

- A) Insulin
- B) Glucagon
- C) Secretin
- D) Cholecystokinin (CCK)

Ans: D) Cholecystokinin (CCK)

24. What is the term for the wave-like muscular contractions that move food through the digestive system?

- A) Peristalsis
- B) Segmentation
- C) Churning
- D) None of the above

Ans: A) Peristalsis



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25. Which of the following is not a component of saliva?

- A) Water
- B) Amylase
- C) Mucus
- D) Hydrochloric acid

Ans: D) Hydrochloric acid

26. What is the role of hydrochloric acid in the stomach?

- A) Break down carbohydrates
- B) It is essential for the absorption of vitamin B12.
- C) Emulsify fats
- D) None of the above

Ans: B) It is essential for the absorption of vitamin B12.

27. Which of the following is not a function of the large intestine?

- A) Absorption of water
- B) Absorption of nutrients
- C) Formation of feces
- D) None of the above

Ans: B) Absorption of nutrients

28. What is the term for the semi-solid mixture of food and digestive juices formed in the stomach?

- A) Chyme
- B) Bolus
- C) Feces
- D) None of the above

Ans: A) Chyme



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29. Which of the following is synthesised and stored in the liver cells?

- A) Galactose
- B) Lactose
- C) Glycogen
- D) Arabinose

Ans: C) Glycogen

30. Which of the following is not a part of the small intestine?

- A) Duodenum
- B) Jejunum
- C) Ileum
- D) Colon

Ans: D) Colon

31. Secretin and cholecystokinin are secreted in _____.

- A) pyloric region
- B) Ileum
- C) duodenum
- D) Oesophagus

Ans: C) duodenum

32. Which enzyme is responsible for breaking down proteins in the stomach?

- A) Amylase
- B) Lipase
- C) Pepsin
- D) Trypsin

Ans: C) Pepsin



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33. Which of the following is not a component of gastric juice?

- A) Pepsinogen
- B) Hydrochloric acid
- C) Bile
- D) Mucus

Ans: C) Bile

34. Which mineral is important for strong teeth?

- A) Potassium
- B) Zinc
- C) Calcium
- D) Iron

Ans. C) Calcium

35. What is the role of villi and microvilli in the small intestine?

- A) To secrete digestive enzymes
- B) To increase surface area for absorption
- C) To transport nutrients to the liver
- D) To store excess nutrients

Ans: B) To increase surface area for absorption

36. Which of the following is an accessory organ of digestion that produces insulin?

- A) Liver
- B) Stomach
- C) Pancreas
- D) Gallbladder

Ans: C) Pancreas



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37. What is the final product of carbohydrate digestion in the small intestine?

- A) Fatty acids
- B) Amino acids
- C) Glucose
- D) Glycerol

Ans: C) Glucose

38. What is the primary function of the small intestine in the digestive system?

- A) Absorption of nutrients
- B) Mechanical digestion of food
- C) Production of digestive enzymes
- D) Storage of bile

Ans: A) Absorption of nutrients

39. Which enzyme is responsible for the breakdown of carbohydrates in the mouth during the process of digestion?

- A) Amylase
- B) Lipase
- C) Pepsin
- D) Trypsin

Ans: A) Amylase

40. Which of the following is not a part of the digestive system?

- A) Liver
- B) Gallbladder
- C) Lungs
- D) Stomach

Ans: C) Lungs



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41. Bile is produced by which organ and stored in the gallbladder until needed for digestion?

- A) Stomach
- B) Liver
- C) Pancreas
- D) Small intestine

Ans: B) Liver

42. Which is the strongest tooth of the following?

- A) Molars
- B) Premolars
- C) Canine
- D) Incisors

Ans: A) Molars

43. Name the Glands associated with the Human Digestive System.

- A) Salivary Glands and Pancreas
- B) Salivary Glands and Liver
- C) Liver and Pancreas
- D) Salivary Glands, Liver & Pancreas

Ans: D) Salivary Glands, Liver & Pancreas

44. Arrange the correct sequence of the steps involved in the process of the Human Digestive System.

- A) Digestion, Ingestion, Assimilation, Egestion and Absorption
- B) Ingestion, Digestion, Absorption, Assimilation and Egestion
- C) Egestion, Absorption, Digestion, Assimilation and Ingestion
- D) Assimilation, Absorption, Ingestion, Digestion and Egestion

Ans: B) Ingestion, Digestion, Absorption, Assimilation and Egestion



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45. In which part of the body does the digestion of protein begin?

- A) Pancreas
- B) Stomach
- C) Small Intestine
- D) Large Intestine

Ans: B) Stomach

46. What is the Function of Hydrochloric Acid?

- (i) It makes the pepsin enzyme effective.
- (ii) It kills bacteria that may enter the stomach with food.

Which of the following statements is/are correct?

- A) Only (i)
- B) Only (ii)
- C) Both (i) and (ii)
- D) Neither (i) nor (ii)

Ans: C) Both (i) and (ii)

47. Name the largest part of the Alimentary Canal.

- A) Large Intestine
- B) Small Intestine
- C) Liver
- D) Stomach

Ans: B) Small Intestine



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48. Complete digestion of food occurs in _____.

- A) Stomach
- B) Small Intestine
- C) Pancreas
- D) Large Intestine

Ans: B) Small Intestine

49. What is the function of Bile Juice secreted by the Liver?

- A) It makes the food alkaline.
- B) It makes the food acidic.
- C) It breaks down the food.
- D) None of the above

Ans: A) It makes the food alkaline.

50. Name the hardest material present in the body.

- A) Dentin
- B) Pulp
- C) Enamel
- D) None of the above

Ans: C) Enamel

51. Which teeth help the tongue to swallow food?

- A) Incisors
- B) Canine
- C) Premolars
- D) Molars

Ans: D) Molars



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52. The undigested food stored in the liver in the form of carbohydrates is called _____.

- A) Pulp
- B) Glucose
- C) Glycogen
- D) Carbohydrate

Ans: C) Glycogen

53. What is the function of Incisor teeth?

- A) for swallowing the food
- B) for cutting and chopping food
- C) for crushing food
- D) for grinding food

Ans: B) for cutting and chopping food

54. The liver belongs to which organ system in the human body?

- A) Digestive system
- B) Nervous system
- C) Respiratory system
- D) Circulatory system

Ans: A) Digestive system

55. Which of the following correctly represents the function of dietary fibre in the human diet?

- A) Provides energy
- B) Aids digestion
- C) Increases cholesterol
- D) Helps build muscle

Ans: B) Aids digestion



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56. Which glands help in digestion in the stomach?

- A) Gastric glands
- B) Pituitary glands
- C) Thyroid glands
- D) Pineal glands

Ans: A) Gastric glands

57. Goblet cells play a crucial role in maintaining the health of various organs.

Where are goblet cells primarily located in the human body?

- A) Brain
- B) Kidneys
- C) Digestive tract
- D) Liver

Ans: C) Digestive tract

58. Which enzyme, secreted by the chief cells of the stomach, is crucial for initiating the digestion of proteins?

- A) Amylase
- B) Gastric lipase
- C) Pepsinogen
- D) Trypsinogen

Ans: C) Pepsinogen

59. To get relief from constipation, which of the following is prescribed to be eaten in large amounts?

- A) Protein
- B) Meat
- C) Fish
- D) Fibre

Ans: D) Fibre

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60. In humans, the digestion of carbohydrates like starch begins in which of the following parts?

- A) Rectum
- B) Small Intestine
- C) Oesophagus
- D) Buccal cavity

Ans: D) Buccal cavity

61. In the context of digestion, a bolus is best described by which of the following options?

- A) A type of enzyme produced by the pancreas
- B) A hormone released by the stomach
- C) A digestive fluid secreted by glands
- D) A mixture of food and saliva is formed during chewing

Ans: D) A mixture of food and saliva formed during chewing

62. Which of the following is a common component in toothpaste, for cleaning the teeth by neutralising the excess acid to prevent tooth decay?

- A) Bases
- B) Halogens
- C) Acids
- D) Salts

Ans: A) Bases

63. Which food requires a longer small intestine to digest food?

- A) Lamb
- B) Eggs
- C) Grass
- D) Chicken

Ans: C) Grass

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64. Digestion involves various organs starting from the mouth and ending with the anus. The longest part of this canal is known as the _____.

- A) stomach
- B) large intestine
- C) oesophagus
- D) small intestine

Ans: D) small intestine

65. The oesophagus belongs to which major organ system in the human body?

- A) Respiratory system
- B) Nervous system
- C) Endocrine system
- D) Digestive system

Ans: D) Digestive system