



BIOLOGY

BOOKS - SUPER COMPANION 5 IN 1

DIGESTION AND ABSORPTION

One Mark Questions And Answers

1. What is succus entericus ?



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2. What is hyperacidity?



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3. Name any two associated glands of the human alimentary canal.



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4. What is Chyme?



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5. Mention the function of steapsin.



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6. What is the function of caecum in the human body ?



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7. What is mastication?



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8. What is bolus ?



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9. Where is the bile stored ?



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10. Mention the position of the liver.



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11. Choose the correct answer among the following :

Gastric juice contains

A. pepsin, lipase and rennin

B. trypsin, lipase and rennin

C. trypsin, pepsin and lipase.

D. trypsin, pepsin and rennin

Answer: a



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12. Choose the correct answer among the following :

Succus entericus is the name given to,

- A. a junction between ileum and large intestine
- B. intestinal juice
- C. swelling in the gut
- D. appendix

Answer: b



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Two Mark Questions And Answers

1. Explain the role of saliva in digestion.



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2. Distinguish between mechanical digestion from chemical digestion.



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3. What is Dentition? Write the dental formula of human beings.



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4. What is Jaundice? Mention the types.



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5. Mention the role of HCl in digestion.



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6. Name the various parts of human alimentary canal in the proper sequence.



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7. Match column I with column II

Column I		Column II	
<i>a</i>	Bilirubin and biliverdin	<i>i</i>	Parotide
<i>b</i>	Hydrolysis of starch	<i>ii</i>	Bile
<i>c</i>	Digestion of fat	<i>iii</i>	Lipases
<i>d</i>	Salivary gland	<i>iv</i>	Amylases



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8. Give the dental formula of human beings.



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9. Bile juice contains no digestive enzymes, yet it is important for digestion. Why ?



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10. Describe the digestive role of chymotrypsin. Which two other digestive enzymes of the same category are secreted by its source gland?



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11. How are polysaccharides, and disaccharides digested ?



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12. What would happen if HCl were not secreted in the stomach?



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13. How does butter in your food get digested and absorbed in the body ?



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14. Explain the term thecodont and diphodont.



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15. Name different types of teeth and their number in an adult human.



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16. What are the functions of Liver?



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17. Describe the enzymatic action on fats in the duodenum.



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Three Marks Questions With Answers

1. Describe how carbohydrates are digested in the human alimentary canal.



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2. Answer briefly :

Why are villi present in the intestine, and not

in the stomach ?



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3. Answer briefly :

How does pepsinogen changes into its active form?



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4. Answer briefly :

What are the basic layers the wall of the

alimentary canal ?



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5. Answer briefly :

How does bile help in the digestion of fats ?



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6. State the role of pancreatic juice in digestion of proteins.



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7. What are the three types of cells found in gastric glands ? Name their secretions.



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Five Mark Questions And Answers

1. Explain the physiology of protein digestion in a human body .



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2. Describe the process of digestion of protein in the stomach.



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3. Discuss the main steps in the digestion of proteins as the food passes through different parts of the alimentary canal.



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4. Draw a neat labelled diagram of the digestive system of the human body.



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5. Explain the role of pancreatic juice in digestion.



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