

Worksheet

Class – VII Science (Nutrition in Animals)

1. What is the mode of nutrition in animals?
a. Heterotrophic b. Autotrophic c. Symbiotic d. All of these.
2. Which of the following is the longest part of the digestive system?
a. Large intestine b. Small intestine c. Oesophagus d. Rectum
3. Bile juice secreted by the liver plays an important role in the digestion of
a. Protein b. Carbohydrates c. Cellulose d. Fats
4. Finger-like projection called villi are found in the inner wall of
a. Small intestine b. Large intestine c. Rectum d. Pharynx
5. Match the following

Column A	Column B
a. Liver	i. Acid release
b. Large intestine	ii. Release of faecal matter
c. Rectum	iii. Absorption of digested food
d. Stomach	iv. Bile release
e. Villi	v. Absorption of water

6. Fill in the blanks.
 - a. Saliva is secreted in the mouth by -----.
 - b. Largest gland in human body is -----.
 - c. Tongue help in ----- and -----.
 - d. Insulin is released by -----.
 - e. HCl is released by ----- in the stomach.
7. What is mastication?
8. What are enzymes? Give one example.
9. What is digestion? Why it is important?
10. Name the enzyme released from the following glands in human digestive system.
 - a. Salivary glands b. Gastric glands c. Pancreas d. Liver

CBSE Worksheet-01
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Answer key

1. a
2. b
3. d
4. a
5. (a) – (iv), (b) – (v), (c) – (ii), (d) – (i), (e) – (iii).
6.
 - a. Salivary glands
 - b. Liver
 - c. Chewing, mixing
 - d. Pancreas
 - e. Gastric gland.
7. The process of chewing of food is called mastication. In this process, saliva is mixed with food.
8. Enzymes are bio-catalyst that helps in digestion of food. They are released from the endocrine glands present in different parts of digestive system. For example pepsin is released from gastric gland help in digestion of protein.
9. The mechanism of breaking down complex organic foods into simpler form by the action of enzyme is called digestion. It is essential for utilization of food components to obtain energy and maintenance of body.
10. Enzyme released from
 - a. Salivary glands – Salivary amylase
 - b. Gastric glands – pepsin
 - c. Pancreas- pancreatic amylase, lipase and trypsin.
 - d. Liver – Bile salts.

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