

# **Nutrition in Animals**

## **Multiple Choice Questions (MCQs)**

1. **Which of the following is the primary site of protein digestion in humans?**
  - a) Mouth
  - b) Stomach
  - c) Small intestine
  - d) Large intestine
  
2. **What is the mode of nutrition in animals like cows that primarily feed on grass?**
  - a) Carnivorous
  - b) Herbivorous
  - c) Omnivorous
  - d) Parasitic
  
3. **The enzyme amylase, which breaks down starch, is primarily secreted in:**
  - a) Stomach
  - b) Pancreas
  - c) Small intestine
  - d) Salivary glands
  
4. **Which part of the digestive system in humans absorbs the maximum amount of water?**
  - a) Stomach
  - b) Small intestine
  - c) Large intestine
  - d) Esophagus
  
5. **In which animal is a rumen present to aid digestion?**
  - a) Human
  - b) Dog
  - c) Cow

d) Snake

6. **The process of taking food into the body is called:**

- a) Digestion
- b) Ingestion
- c) Absorption
- d) Assimilation

7. **Which nutrient is primarily broken down into glucose for energy?**

- a) Proteins
- b) Fats
- c) Carbohydrates
- d) Vitamins

8. **Which of the following animals has a single-chambered stomach?**

- a) Cow
- b) Horse
- c) Human
- d) Goat

9. **The finger-like projections in the small intestine that increase surface area for absorption are called:**

- a) Villi
- b) Alveoli
- c) Nephrons
- d) Cilia

10. **Which of the following is NOT a function of the liver in digestion?**

- a) Bile production
- b) Nutrient storage
- c) Detoxification
- d) Protein digestion

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## **Subjective Questions**

1. **Explain the process of digestion in the human stomach. Include the role of enzymes and hydrochloric acid.**
2. **Describe the role of the small intestine in nutrient absorption.**
3. **How does the digestive system of a ruminant differ from that of a human?**
4. **What is the significance of bile in fat digestion?**
5. **Explain the process of ingestion and digestion in an amoeba.**
6. **Why is the large intestine important in the human digestive system?**
7. **Describe the role of the pancreas in digestion.**
8. **What are the differences between carnivorous and herbivorous digestive systems?**
9. **How does the process of assimilation differ from absorption in digestion?**
10. **Explain the importance of enzymes in the digestive process.**