

Chapter 2- Nutrition in animals

Q1. Choose the correct answer-

- Fat is completely digested in the
a. stomach b. mouth c. small intestine d. large intestine
- Water from the undigested food is absorbed mainly in the
a. stomach b. food pipe c. small intestine d. large intestine
- Feeding tube is present in
a. spider b. butterfly c. frog d. amoeba
- Humans are
a. herbivores b. carnivores c. omnivores d. autotrophs
- Digestion of food starts in the
a. mouth b. stomach
c. small intestine d. anywhere in the alimentary canal
- The digestive juice present in saliva acts on
a. starch b. fats c. protein d. cellulose
- Ruminants are able to digest _____ which humans cannot.
a. carbohydrates b. cellulose c. vitamins d. complex food
- The length of small intestine in adult human beings is about
a. 1.5 m b. 2.5 m c. 7.5 m d. 4.5 m
- The process of taking in food by an animal is called
a. ingestion b. digestion c. assimilation d. egestion
- The teeth for piercing and tearing of food is called
a. incisors b. molars c. premolars d. canines

Q2. Fill in the blanks:

- The main steps of nutrition in humans are _____, _____, _____, _____ and _____.
- The largest gland in the human body is _____.

- The stomach releases hydrochloric acid and _____ juices which act on food.
- The inner wall of the small intestine has many finger-like outgrowths called _____.
- Amoeba digests its food in the _____.
- Nutrition in most animals is _____.
- The process of converting food in simpler and soluble form is called _____.
- Liver secretes _____ into small intestine.
- The stomach in ruminants is _____ chambered.
- The digestive juice in the stomach help to breakdown _____ into simpler form.

Q3. State true or false-

- Digestion of starch starts in the stomach.
- The tongue helps in mixing food with saliva.
- The gall bladder temporarily stores bile.
- The ruminants bring back swallowed grass into their mouth and chew it for some time.
- In an adult human, the total number of incisors are 4.
- The U-shaped structure in upper abdomen which receives food from the food pipe is called stomach.
- Pseudopodia is also called false feet.
- Food pipe is also called alimentary canal.
- Absorption of digested food takes place in large intestine.
- The process of chewing the cud is called rumination..

Q4. Match the following-

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|--------------------|----------------------|
| 1. Deer | a. food vacuole |
| 2. Amoeba | b. omnivore |
| 3. Humans | c. ruminants |
| 4. Mouth cavity | d. bile juice |
| 5. Liver | e. hydrochloric acid |
| 6. Stomach | f. villi |
| 7. Small intestine | g. saliva |

Answer keys-

Q1. Choose the correct answer

1. Small intestine
2. Large intestine
3. Butterfly
4. Omnivores
5. Mouth
6. Starch
7. Cellulose
8. 7.5 m
9. Ingestion
10. Canines

Q2. Fill in the blanks-

1. Ingestion, digestion, absorption, assimilation and digestion
2. Liver
3. Digestive
4. Villi
5. Food vacuole
6. Holozoic
7. Digestion
8. Bile juice
9. Four
10. Proteins

Q3. True or false-

1. False
2. True
3. True
4. True
5. False
6. True

7. True

8. False

9. False

10. True

Q4. Match the following

1(c) 2(a) 3(b) 4(g) 5(d) 6(e) 7(f)

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