

**SUMMATIVE ASSESSMENT 1**  
**SCIENCE**

CLASS- VII

ASSIGNMENT NO. 04

NUTRITION IN ANIMALS

Q1. Fill ups:

- a) \_\_\_\_\_ and \_\_\_\_\_ secretes digestive juices.
- b) Digestive system includes \_\_\_\_\_ and \_\_\_\_\_.
- c) The components of food which are necessary for our body are called \_\_\_\_\_.
- d) Oesophagus opens into \_\_\_\_\_ which opens into \_\_\_\_\_.
- e) \_\_\_\_\_ and \_\_\_\_\_ are chewing and grinding teeth.
- f) Bile juice is secreted by \_\_\_\_\_ and stored by \_\_\_\_\_.
- g) Length of small intestine is \_\_\_\_\_m and of large intestine is \_\_\_\_\_m.
- h) \_\_\_\_\_ and \_\_\_\_\_ are examples of ruminants.
- i) Grass is rich in \_\_\_\_\_ which is a type of \_\_\_\_\_.
- j) In humans the undigested food is removed through \_\_\_\_\_ and the process is called \_\_\_\_\_.

Q2. Name the following:

- a) Food of lice -
- b) Process of taking food in the body –
- c) Glands present in mouth –
- d) Finger like projections on small intestine –
- e) Simpler form of proteins –
- f) Last chamber of large intestine –
- g) False foot in *Amoeba* –
- h) Killing of bacteria occurs in this part of digestive canal –

Q3. What does the inner lining of the stomach secrete?

Q4. Explain how digestion occurs in grass eating animals?

Q5. Write the functions of different types of teeth.

Q6. List the various compartments of Digestive Tract?

Q7. Explain the structure of Stomach and Small Intestine?

Q8. How a starfish obtains its food?

Q9. Explain the absorption of food in small intestine?

Q10. What is the role of saliva in digestion?

Q11. During a school recess students were eating their lunch in a hurry. One of the student, Aarti, asked them to eat slowly and to chew the food properly otherwise it can cause hiccups and choking.

(1) What do you think is the reason behind such an advice?

(2) Which type of teeth helps in chewing of food?

(3) What values are shown by Aarti over here?

Q12. No digestion occurs in large intestine yet its role is important. Justify the statement.

Q13. What are the different modes of feeding in animals?

Q14. Our stomach contains hydrochloric acid, but we don't experience any burning sensation. Why?

Q15. What happens during assimilation of food in man?

Q10. Tick the correct option:

a) The carbohydrates get broken into:

1. Glucose      2. Amino acids      3. Glycerol      4. Fatty Acids

b) The fats get broken into:

1. Fatty Acids      2. Glycerol      3. Amino Acids      4. Both 1. And 2.

c) Digestion of starch starts in :

1. Buccal Cavity      2. Stomach      3. Small Intestine      4. Liver

d) Digestion does not include which one of the following steps:

1. Chewing      2. Digestion      3. Assimilation      4. None of these