

परमाणु ऊर्जा शिक्षण संस्था, मुंबई

Atomic Energy Education Society

Session: 2023 – 24

CLASS- VII

SUBJECT : SCIENCE

WORKSHEET No. – 2

Name of the Chapter: **Nutrition in Animals**

I Choose the correct answer. (1 x 10 = 10M)

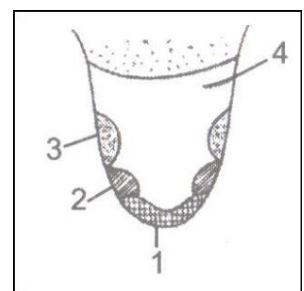
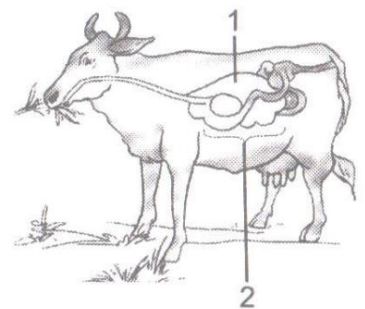
1. The digested food is absorbed in
 - a. Large intestine
 - b. Stomach
 - c. Liver
 - d. Small intestine
2. Saliva converts starch into
 - a. fats
 - b. Sugar
 - c. Proteins
 - d. Minerals
3. Which one of the following is not secreted by the walls of stomach?
 - a. Hydrochloric acid
 - b. Mucous
 - c. Digestive juice
 - d. Bile juice
4. The Bile juice is stored in
 - a. Gall bladder
 - b. Liver
 - c. Pancreas
 - d. Small intestine
5. Which one of the following is not a step of nutrition?
 - a. Ingestion
 - b. Digestion
 - c. Absorption
 - d. Excretion
6. Villi are located in the:
 - a. Small intestine
 - b. Large intestine
 - c. Stomach
 - d. None of these
7. Ruminants can:
 - a. Digest the cellulose
 - b. Not digest the cellulose
 - c. Sometimes digest and sometimes cannot
 - d. All of these
8. The simplest form of carbohydrates is:
 - a. Fatty acids
 - b. Amino acids
 - c. Glucose
 - d. Proteins
9. The false feet of amoeba is used for
 - a. Movement only
 - b. Capture of food only
 - c. Capture of food and movement
 - d. Exchange of gases only
10. The largest gland in our body is
 - a) small intestine
 - b) large intestine
 - c) liver
 - d) pancreas

II Answer in one sentence. (1 x 10 = 10M)

1. What is the role of villi in the intestine?
2. What is the function of digestive juices?
3. What are the functions of molar and premolar teeth?
4. Name the secretions of stomach glands present in stomach wall.
5. Name the secretion of liver and where is it stored?
6. What is absorption?
7. What are the finger like projections in amoeba called?
8. Name the partially digested food in rumen. What happens to it during rumination?
9. Define the term assimilation.
10. In which part of the human digestive system are bacteria present in the food killed?
Explain how.

III Answer in two to three sentences. (2 x 10 = 20M)

1. What is large intestine? Write its function
2. Why can we not digest cellulose like the cattle do?
3. Name the parts of the alimentary canal where
 - a) water gets absorbed from undigested food.
 - b) digested food gets absorbed.
 - c) taste of the food is perceived.
 - d) bile juice is produced.
4. Distinguish between Milk teeth and Permanent teeth
5. How does food move in opposite direction during vomiting?
6. Distinguish between ingestion and egestion
7. Refer the diagram of digestive system of ruminant animal and label the parts marked as 1 and 2.
8. Draw a diagram of oesophagus and stomach to show the movement of food in oesophagus of the alimentary canal.
9. Identify the following figure and label the regions of salt, bitter, sweet and sour sensation on the given figure.
10. Mention the ways of intake of food in
 - a. bees and humming birds
 - b. infants of humans
 - c. snakes
 - d. aquatic animals



III Answer in three to four sentences. (3 x 5 = 15M)

1. Write the functions of the tongue.
2. Paheli wants to know why the ruminant animals cannot chew food properly at the time they take it in.
3. What is diarrhoea? How is it caused? How it can be cured?
4. Explain the mode of feeding of starfish.
5. What do you mean by tooth decay? Explain its process.

III Answer the following. (5 x 5 = 25M)

1. Who are called ruminants? Explain the digestion of cellulose in the ruminants.
2. What are the various types of teeth in human beings. Write their number and functions.
3. Explain the digestion in amoeba. Draw a neat labelled diagram of amoeba.
4. Draw the pathway of passage of food in the digestive tract. Explain the role of liver and pancreas in digestion?
5. Draw a neat labelled diagram of the human digestive system.