

Worksheet 14

Subject: - Science

Class: - VII

Teacher: - Mrs. Harpreet Kaur

Name: _____ Class & Sec: _____ Roll No. _____ Date: 14.05.2020

Ch2: Nutrition in Animals

4. What is peristalsis? Explain with the help of a diagram.
5. What is the function of a. saliva b. bile juice c. pancreatic juice?
6. What happens to food in the a. stomach b. small intestine?
7. Explain how digested food is absorbed into the blood.
8. Briefly explain the process of digestion in ruminants.

**HOTS QUESTIONS: Think and answer.**

1. Which food do you think will take a longer time to get digested—sugar or b (contain lot of proteins)?
2. Digestion needs the help of two more systems in the body to provide energy. Which are these systems and how do they help?
3. If you eat food while hanging upside down, do you think it will still go through the digestive system?

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SECTION 1 // Building Up Vocabulary

A. Give one word for the following.

1. The process of taking in food Ingestion
2. Breaking down food into simple, soluble form digestion
3. The process of getting rid of the undigested food Egestion
4. The mosquito sucks up the blood of animals with this Pierces it
5. A digestive juice that acts on the food in the mouth Salivara
6. The white substance that covers your teeth Enamel
7. The teeth used for cutting Incisor
8. The hollow tube that connects the mouth to the stomach Oesophagus
9. The coiled tube where digested food is absorbed small intestine
10. The wide tube where the water present in undigested food is absorbed large intestine

B. Fill in the blanks.

1. The process by which digested food passes into the blood is Absorption
2. In *Amoeba* food is engulfed by Pseudopodia
3. The long tube which consists of the internal opening of the mouth, the oesophagus, intestine, large intestine, rectum and anus is called the

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B. Fill in the blanks.

1. The process by which digested food passes into the blood is absorption
2. In *Amoeba*, food is engulfed by pseudopodia
3. The long tube which consists of the internal opening of the mouth, the oesophagus, stomach, small intestine, large intestine, rectum and anus is called the alimentary canal.

Ingestion
digestion
Egestion
Pieris
Salivary
Enamel
Incisor
Oesophagus
small intestine
large intestine
Absorption



4. The Incisors and Molars are flat and wide teeth used for crushing and grinding food.
5. Salivary and Pancreas are organs that make digestive juices.
6. The waste containing the undigested food is stored in the Rectum and leaves the body through the anus.

SECTION 2 // **Reinforcing Concepts**

C. Write true or false.

1. Food must be converted to a soluble form for absorption.
2. Energy is stored in food in the form of chemical energy.
3. The only function of saliva is to make the food wet so that it can be easily swallowed.
4. It is our teeth that enable us to taste food.
5. Most of the digestion of food takes place in the small intestine.
6. The blood takes the digested food to all the cells of the body.
7. Amino acids provide energy to our body.

True

True

False

False

True

True

False

D. Match the columns.

1. frog

3

a. engulfs food by false feet

2. Hydra

1

b. catches insects with its tongue

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What happens to food? Explain with the help of a diagram.

7. Explain how digestion is the function of a. saliv...

E. Choose the most appropriate answer.

- Which one of these processes is not a part of nutrition?
 - a. Excretion
 - b. Egestion
 - c. Assimilation
 - d. Ingestion
- Which one of the following does not depend only on liquid food?
 - a. Mosquito
 - c. Amoeba
 - b. Butterfly
 - d. Spider
- In *Hydra*, the food is ingested through
 - a. foreleg.
 - b. mouth.
 - c. pseudopodium.
 - d. tentacles.
- Digested food is absorbed in the
 - a. stomach.
 - b. small intestine.
 - c. large intestine.
 - d. oesophagus.
- The main function of the large intestine is to
 - a. store waste products.
 - b. absorb digested food.
 - c. absorb water from undigested food
 - d. produce digestive juices.

be easily swallowed.

- It is our teeth that enable us to taste food.
- Most of the digestion of food takes place in the small intestine.
- The blood takes the digested food to all the cells of the body.
- Amino acids provide energy to our body.

D. Match the columns.

1. frog	<input type="checkbox"/> 3	a. engulfs food by false feet
2. <i>Hydra</i>	<input type="checkbox"/> 1	b. catches insects with its tongue
3. <i>Amoeba</i>	<input type="checkbox"/> 2	c. uses tentacles for ingestion of food
4. spider	<input type="checkbox"/> 5	d. uses cilia for ingestion of food
5. <i>Paramecium</i>	<input type="checkbox"/> 6	e. uses proboscis to get food
6. butterfly	<input type="checkbox"/> 4	f. lives on liquid food
7. tearing of meat	<input type="checkbox"/> 8	g. milk teeth
8. teeth that fall off in children	<input type="checkbox"/> 9	h. tongue
9. taste buds	<input type="checkbox"/> 10	i. mastication
10. chewing and mixing of food	<input type="checkbox"/> 7	j. canines

Handwritten notes on the right side of the page:
 False
 False
 True
 True
 False