

WORKSHEET - NUTRITION IN ANIMALS

MCQ

1. What is the main function of the nutrients in fruits and bread?
 - a. Supply energy for us to do work.
 - b. Insulates our bodies
 - c. Repair worn-out cells and tissues.
 - d. Grow new cells and tissues.
2. Which of the following is the simplest unit of carbohydrates?
 - a. amino acids
 - b. glucose
 - c. maltose
 - d. starch.
3. Which of the following is not a function of proteins?
 - a. To provide energy
 - b. To reduce heat loss from bodies
 - c. To repair damaged tissues
 - d. To grow new cells
4. What is the function of the liver?
 - a. Produces lipases
 - b. Stores lipase
 - c. Produces bile
 - d. Stores bile.
5. In which part of the alimentary canal are water and mineral salts being absorbed into the body?
 - a. Large intestine
 - b. Small intestine
 - c. Stomach
 - d. Oesophagus.
6. Which of the following elements is only found in proteins but not in fats and carbohydrates?
 - a. Hydrogen
 - b. Nitrogen
 - c. Oxygen

- d. Carbon
7. Which of the following acids help in the digestion of food in the stomach?
 - a. Sulphuric acid
 - b. Hydrochloric acid
 - c. Nitric acid
 - d. Tannic acid
 8. Why are complex food substances unable to enter into the blood stream?
 - a. They are too heavy to move.
 - b. They are restricted by cell membrane
 - c. There are excessive amount in the blood stream.
 - d. There is not enough energy to move them.
 9. Which of the following organs does not take part in breaking down complex food substances?
 - a. Large intestine
 - b. Stomach
 - c. Mouth
 - d. Small intestine.
 10. The process of taking in food by an animal and its utilisation in the body is called
 - a. Ingestion
 - b. Digestion
 - c. Nutrition
 - d. Egestion
 11. Which of the following is digested by saliva?
 - a. Glucose
 - b. Starch
 - c. Cellulose
 - d. Sucrose
 12. Mucus , hydrochloric acid and digestive juices are secreted by the inner lining of
 - a. Pancreas
 - b. Stomach
 - c. Small intestine
 - d. Salivary glands
 13. The site of complete digestion and absorption of food in the human digestive system is

- a. Stomach
 - b. Small intestine
 - c. Large intestine
 - d. Rectum
14. The millions of tiny outgrowths on the inner surface of small intestine are called
- a. Capillaries
 - b. Buds
 - c. Villi
 - d. veins
15. The length of small intestine in adult human beings is about
- a. 1.5 m
 - b. 2.5 m
 - c. 7.5m
 - d. 4.5m

VERY SHORT ANSWER:

1. What is the scientific name of the process of taking food into the body?
_____.
2. Name the substance which mixes with food in the mouth during chewing by teeth.
_____.
3. Name the process which moves the food forward in the food pipe as well as the whole alimentary canal.
_____.
4. What is the other name of food pipe?
_____.
5. The bacteria present on uncleaned teeth convert the sugar in food into a substance X which causes tooth decay. Name the substance X.
_____.
6. Name the type of teeth which are
 - a. For chewing and grinding food. _____
 - b. For piercing and tearing food. _____
 - c. For biting and cutting food. _____.

7. What is the name of the set of teeth.
 - a. Which grow in a small baby? _____
 - b. Which grow in a child? _____
8. What is the special name of the animals which can chew the cud?
_____.
9. What type of micro-organism digest cellulose carbohydrate present in the grass food of a ruminant?
_____.
10. Which single-celled organism has pseudopodia?
_____.
11. Name a single celled organism which constantly change its shape.
_____.
12. What are the false feet of amoeba known as?
_____.
13. Name the condition in which a person passes out frequent watery stools.
_____.
14. Name one condition which can lead to the dehydration of our body.
_____.
15. Write the full form of ORS. _____
16. What happens when glucose breaks down in body cells with the help of oxygen? _____.

HOTS

1. When food is put in our mouth, the teeth cut, chew and grind it. The glands A present in mouth secrete a watery liquid B, which helps to digest component C present in the food partially. This partially digested food then passes through tube D into an organ E. The inner walls of organ E secrete mucus, hydrochloric acid and digestive juices.

What are A, B, C, D and E?

