

INTERNATIONAL INDIAN SCHOOL BURAIDAH

Worksheet for the Academic Year 2024-25

CLASS:7th

SUBJECT: SCIENCE

DATE: 15-05-2024

LESSON : 1 NUTRITION IN PLANTS & LESSON2: NUTRITION IN ANIMALS

I. Fill in the blanks:

- _____ and _____ are the end products of photosynthesis.
- Tiny pores seen on the surface of leaves are called as _____.
- Carbohydrates are made of _____, _____ and _____.
- _____ derive their food from the dead and decaying matter.
- Pitcher like structure is the modified part of the _____.
- Insectivorous plants feed on insects for fulfilling the requirement of _____.

II. Name the following:

- Green coloured pigment in plants.
- A bacterium that converts atmospheric Nitrogen into a soluble form.
- Jelly like substance present in a cell.
- Slimy, green patches formed in ponds and stagnant water bodies.
- Mode of nutrition in mushrooms.
- The gas released during photosynthesis.
- Nitrogenous substances which contain Nitrogen.

III. Answer the following:

- Explain photosynthesis with equation and a neat, labelled diagram.
- What is meant by parasitic mode of nutrition? Distinguish between parasite and host.
- What is symbiotic relationship?

4. What is the role of Rhizobium bacteria in leguminous plants?
5. What do you mean by saprotrophic nutrition?

2: NUTRITION IN ANIMALS

I. Choose the correct option:

1. Which of the following is not a ruminant?
a) Giraffe b) Goat c) Cow d) Cat
2. The cream- coloured gland present below the stomach.
a) Liver b) Pancreas c) Salivary gland d) Thyroid gland
3. Bile helps to digest.
a) Proteins b) Carbohydrates c) Fats d) Sugars
4. At the end of digestion Carbohydrates are converted to:
a) Fatty Acids b) Simple sugars c) Glycerol d) Amino Acids
5. The acid produced by the stomach which kills the germs that enter along with food
a) Sulphuric acid b) HNO_3 c) HCl d) Acetic acid

II. Name the following:

1. The secretion of Liver.
2. The teeth used for chewing and grinding food..
3. The false feet of amoeba.
4. The enzyme present in saliva.
5. The partially digested food that ruminants chew again.
6. Largest gland in human body.

III. Fill in the blanks:

1. ORS is given to those who suffer from _____.
2. Caecum is a part of the alimentary canal of _____.

3. Bile is stored in _____.
4. The stomach secretes _____, _____ and _____ which act on food.
5. Amoeba digests its food in _____.
6. The _____ absorbs water and salts from the undigested waste.

IV. Answer the following:

1. What are villi?
2. Explain the role of mucous secreted by stomach.
3. What is egestion?
4. How can we prevent tooth decay?
5. Name the main parts of alimentary canal.
6. What are milk teeth?
7. What is the main function of Small intestine?
8. Draw and label the diagram of Human Digestive System.
9. Draw and label the diagram of Amoeba.