



**WORKSHEET-I**  
**FIRST TERM EXAMINATION (2021-22')**

**Subject: SCIENCE**

**Block 1 Nutrition in plants, Block 2: Nutrition in animals**

Class: 7

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1. Which one of the following is autotrophic?  
a) Insects    b) Maize plant    c) Humans    d) Earthworm
2. Amoeba ingests food by finger like projections called  
a) Food vacuole    b) Vacuole    c) Pseudopodia    d) Mouth
3. Tiny pores present on the surface of leaves through which gaseous exchange occurs are called  
a) Stomata    b) Lenticels    c) Hydathodes    d) None of these
4. Bile is produced in  
a) Liver    b) Gall Bladder    c) Spleen    d) Blood
5. Green pigment present in the leaves is called  
a) Hemoglobin    b) Albumin    c) Globulin    d) Chlorophyll
6. Describe the symbiotic association between Rhizobium and leguminous plants.
7. Draw a diagram to show egestion in an amoeba.
8. Why insectivorous plants feed on insects?
9. List the preventive measures that one should adopt for avoiding tooth decay.
10. Gastric glands in stomach release hydrochloric acid, enzyme pepsin and mucus.

What will happen if mucus is not secreted by the gastric glands?

11. Differentiate between saprophytic and parasitic nutrition with examples?

12. Small intestine in herbivores is longer than in carnivores. Do you agree?

Support your Answer.

13. Why do lichens show symbiosis?

14. Why is carbon dioxide important for plants?

15. Name the types of teeth present in an adult human being?

16. Draw a neat and clean diagram of Amoeba showing the correct location of the following components: nucleus, vacuole, pseudopodia.

17. Differentiate between autotrophic and heterotrophic modes of nutrition.

18. Why most of the things are spoiled by fungi during rainy season only?

19. Briefly describe the process of digestion in Amoeba with the help of labeled diagram.

20. A cow can easily digest cellulose while humans cannot. Why?

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