

Biology Worksheet Class X
Life Processes Nutrition

I. Very Short Answer Questions

1. Define-nutrition, autotrophs.
2. What are heterotrophs?
3. Give two examples of parasites in plants.
4. Mention the two types of nutrition
5. Give two examples of heterotrophic nutrition in plants.
6. Define photosynthesis.
7. Which reaction of photosynthesis takes place in light?
8. Which phase of photosynthesis does not require light?
9. Name the site of photosynthesis.
10. Name the acid produced in our stomach? What happens if there is excess of acid in the stomach?
11. Give the appropriate terms to the following statements:
 - a. Any substance taken into the body for purpose of providing nutrition.
 - b. Conversion of complex food particles into simpler food particles in presence of enzymes.
12. Name the following :
 - a. Reserved food in plants and animals.
 - b. Enzyme produced by salivary glands
13. Which part of the alimentary canal absorb the digested food? How is it designed to absorb digested food?

II. Short Answer Questions

1. Mention the two different types of nutrition in brief.
2. What is heterotrophic nutrition? Briefly mention.
3. Differentiate between autotrophic and heterotrophic modes of nutrition.
4. What is parasitic nutrition? Briefly explain with two examples in animals.
5. Give the overall reaction for photosynthesis.
6. How does the Amoeba intake food? Explain it in brief.
7. What is peristaltic movements? Name one enzyme present in pancreatic juice and give its function.

8. Write the functions of stomach, teeth and small intestine.
9. Write any two functions of saliva.
10. What is the role of: (a) Bile juice, (b) HCl, and (c) Mucus?
11. Give the function of the following in the alimentary canal:
a) Liver b) Gall Bladder c) Villi

III. Long Answer Questions

1. What is nutrition? Give the autotrophic nutrition in plants in brief.
2. Classify the heterotrophic mode of nutrition. Write in brief about each of them.
3. Mention the main steps in the process of photosynthesis. Write in short about each step
4. What is the role of saliva?
5. Describe briefly how digestion of carbohydrates, proteins and fats takes place in our body.