



# INDIAN SCHOOL DARSAIT

## DEPARTMENT OF BIOLOGY



Subject : Biology	Topic : Life Processes - Nutrition	Date of worksheet : 10-4-2018
Resource Person: Zehra Fatima		Date of Submission : _____
Name of the Student : _____	Class & Division : X__	Roll Number : __

S.No.	Questions	Marks
1 .	Define nutrition	1
2.	Give a balanced chemical equation for photosynthesis.	1
3.	Which enzyme is present in saliva? Mention its role in food digestion.	1
4.	When we are asleep we are not performing any activity still our life processes are going on. Why?	1
5.	Differentiate autotrophs and heterotrophs.	1
6.	Mention the name of the pigment present in plants which can absorb solar energy.	1
7.	Where do plants get each of the raw materials for photosynthesis?	1
8.	Name the largest part of alimentary canal.	1
9.	Why is the Small Intestine of herbivorous animals longer than that of carnivorous animals?	1
10.	Which is the largest gland of our body?	1
11.	Name the sphincter which regulates the exit of food from the stomach.	1
12.	What is peristalsis? .	1
13.	Mention how organisms like bread mould and mushrooms obtain their food.	2
14.	Chewing a piece of chapatti in the mouth for a period of time makes it sweeter. Give reason.	2
15.	Explain fat digestion process in our body and state where does it take place.	2
16.	What are the three secretions of gastric glands?	2
17.	Mention the role of hydrochloric acid secreted in our body.	2
18.	What is the function of mucus in gastric gland?	2
19.	Why pancreas is called as mixed gland?	2

20. Explain the role of the following in the process of digestion in the human body 3  
a) Lipase                      b) Trypsin                      c) Amylase
21. Name any three important enzymes of pancreas and the food component on which they act. 3
22. Explain the mode of feeding in amoeba. Draw diagrams to illustrate 3
23. What are intestinal juices? From where do these intestinal juices come to the small intestine? 3
24. Name the finger like projections of small intestine and what is the necessity of such type of projections in digestive system? 3
25. Name the mode of nutrition 3  
a) food is digested outside the body  
b) nutrition is derived from other organism without killing  
c) whole material is taken and digested inside body.
26. Explain the process of photosynthesis in brief. 3
27. What is the secretion of liver known as? State its function in digestion. 3
28. Explain in detail the process of digestion in human beings with help of a well labeled diagram of alimentary canal 5