

# VISWABHARATHI WISEWOODS

## HETEROTROPHIC – NUTRITION – PRACTICE SHEET

GRADE : IX – X (Saadhanas)

SUBJECT : BIOLOGY

### I. Answer the following (1 Mark Questions) :

1. How does Amoeba engulf the food particle?
2. Which of the organs perform the following functions in humans?  
(a) Absorption of food  
(b) Absorption of water
3. \_\_\_\_\_ is the largest digestive gland in Humans.
4. Dental formula of Adult human being is \_\_\_\_\_.
5. In human digestive system bile, is secreted by \_\_\_\_\_ (     )  
A) Pancreas                B) Liver                        C) Kidney                      D) Stomach
6. Which of the following has the longest small intestine? (     )  
A) Carnivore                B) Omnivore                    C) Herbivore                   D) Autotroph
7. Match the terms in Column – I with those in Column – II (     )  

Column – I	Column – II
i) Trypsin	a) Saliva
ii) Amylase	b) Gastric glands
iii) Pepsin	c) Pancreas

  
A) i-c, ii-a, iii-b                B) i-b, ii-a, iii-c                C) i-c, ii-b, iii-a
8. Name the organism which performs saprophytic nutrition?

### II. Answer the following : (3 Marks Questions)

9. What is meant by dental caries? How are they caused?
10. Mention different types of teeth, their number and function in adult humans?
11. Define peristalsis? Mention the parts of digestive system where peristalsis takes place.
12. Define the terms        (a) Digestion                (b) Absorption                (c) Chyme