



**ARMY PUBLIC SCHOOL - BHUJ**  
**PRACTICE – PAPER BASED ON CHAPTERS 1 & 2**  
**SCIENCE - VII**

**Roll No. :**  
**Class : VII**

**Time : 1hr 30 MINUTES**  
**MAX. MARKS : 40**

**SECTION A (1 Mark Each)**

Fill in the blanks:-

1. Green plants are called \_\_\_\_\_ since they synthesise their own food.
2. The largest gland in the human body is \_\_\_\_\_.
3. During photosynthesis plants take in \_\_\_\_\_ and release \_\_\_\_\_ gas.
4. Amoeba digests its food in the \_\_\_\_\_.
5. Define ruminants.
6. Why do we get instant energy from glucose?
7. Name a parasitic plant with yellow, slender and branched stem. OR Name the pores through which leaves exchange gases.

**SECTION A (3 Mark Each)**

8. Distinguish between a parasite and a saprotroph.
9. What are villi? What is their location and function?
10. Match the items of column I with suitable items in column II

Column I	Column II
a. Salivary gland	i. Bile juice secretion
b. Stomach	ii. Storage of undigested food
c. Liver	iii. Saliva secretion
d. Rectum	iv. Acid release
e. Small intestine	v. Digestion is completed
f. Large intestine	vi. Absorption of water

11. Write one similarity and one difference between nutrition in Amoeba and human beings.
12. What are the different type of teeth and their function . Why it is necessary to brush our teeth?
13. Give a brief description of the process of synthesis of food in green plants.

**SECTION C (5 Marks Each)**

14. Define the following with example  
1) Nutrients , 2 .Autotroph ,3 .Hetrotroph, 4 .Photosynthesis , 5 .Insectivorous
15. Wild animals like tiger, wolf, lion and leopard do not eat plants .Does this mean that they can survive without plant? Can you provide a suitable explanation?
16. Read the following passage carefully and answer the questions that follow it.  
Bile juice is stored in a sac called gallbladder, located near its organ of secretion liver. The gall bladder release the bile juice into small intestine whenever food reaches there  
Though bile juice is devoid of any digestive enzymes , it is required for the digestion of fats. The fats cannot be digested easily because they are insoluble in water and are present as large globules. Bile juice breaks down big fat droplets into smaller droplets. They are then easily digested by the enzymes released form the pancreas.
  - a) Which organ secretes the bile juice ?
  - b) Why is digestion of fat difficult as compared to other nutrients?
  - c) How does bile juice help in digestion of fat?
  - d) Where is the digestion of fat completed ?
  - e) Does bile juice digest fat completely