

**FORMATIVE ASSESSMENT –I**

**(Sample Question)**

CLASS – VII

SUB – SCIENCE

MM : 40

TIME : 90min.

1. Choose the correct option: **1x5=5marks**

i) Which part of the plant is called its food factory?

- a) fruits      b) seeds      c) leaves      d) none of these

ii) Digestion is completed

- a) Mouth      b) large intestine      c) small intestine      d) none of these

iii) The largest gland in human body is

- a) Salivary glands      b) liver      c) pancreas      d) none of these

iv) The finger like projections in amoeba are called –

- a) Food vacuoles      b) nucleus      c) pseudopodia      d) none of these

v) Green pigments present in leaves are called –

- a) Chlorophyll      b) mesophyll      c) xanthophyll      d) none of these

2. Answer the following questions : **2 x 5 =10 marks**

a) What are villi? What is their function?

b) How would you test the presence of starch in the leaves?

c) What are the functions of mucous and hydrochloric acid in the stomach?

d) Why plants are called autotrophs?

e) Write one similarity and one difference between nutrition in amoeba and human beings.

3. Fill in the blanks: **1x 5 = 5 marks**

a) The food synthesised by plants is stored as \_\_\_\_\_

b) Water from the undigested food is absorbed in the \_\_\_\_\_

c) During photosynthesis plants releases \_\_\_\_\_ gas.

d) All animals are \_\_\_\_\_

e) The contraction and relaxation movement of oesophagus is called \_\_\_\_\_

4. Write 'True' or 'False' for the following statements

- a) Digestion of starch starts in stomach.
- b) Mushrooms are saprotrophs.
- c) The tongue helps in mixing the food.
- d) Fungi belongs to autotrophs.
- e) Sunlight is necessary for photosynthesis.

5. Match the following: **5marks**

**Column – A**

- Salivary glands
- Stomach
- Liver
- Rectum
- Small intestine

**Column – B**

- Bile juice secretion
- Storage of undigested food
- Saliva secretion
- Acid release
- Absorption of water
- Digestion completes

6. Answer the following :

- a) Why do organisms need to take food? **2marks**
- b) Explain how digestion takes place in amoeba. **3marks**
- c) Draw a labelled diagram of stomata and write its functions. **3marks**
- d) Why do insectivorous plants eat insect? **2marks**

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