

Vidya Bhawan Balika Vidyapeeth Lakhisarai

Arun Kumar Gupta

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Sub. Biology

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Based on NCERT patterns

**Questions practice for PA 1 :All answers are in green colour**

1. Which of the following has the longest small intestine ?  
a) Carnivore b) omnivore  
c) herbivore d) autotroph
2. Where are proteins first digested in the alimentary canal ?  
a) small intestine b) Oesophagus  
c) mouth d) stomach
3. Which part of alimentary canal receives bile from the liver?  
a) Oesophagus b) small intestine  
c) stomach d) Large intestine
4. The process of digestion in humans is completed in.....  
a) Oesophagus b) small intestine  
c) stomach d) Large intestine
5. The opening and closing of stomatal pores depends upon  
a) oxygen b) temperature  
c) water in guard cells d) concentration of carbon dioxide in stomata
6. The internal energy reserve in autotrophs is :  
a) proteins b) fatty acid  
c) glycogen d) starch
7. The first enzyme to mix with food in the digestive tract is:  
a) pepsin b) cellulose  
c) amylase d) trypsin
8. The oxygen liberated during photosynthesis by Green plants comes from :  
a) Glucose b) water c) carbon dioxide d) chlorophyll

**Multiple choice type of questions (All answers are in orange colour)**

- Types of Nutrition present in amoeba
  - Saprotrophic nutrition
  - parasitic nutrition
  - holozoic nutrition**
  - autotrophic nutrition
- \_\_\_\_\_ is present in tiny organelle is called chloroplast inside the photosynthetic cells of leaves.
  - Leaf
  - Chlorophyll**
  - chloroplast
  - stomata
- There are mainly \_\_\_\_\_ modes of Nutrition present in living organisms.
  - Four
  - Three
  - two**
  - five
- The necessary conditions required for photosynthesis is/ are :
  - Sunlight
  - Chlorophyll
  - carbon dioxide & water
  - All of these .**
- The process in which the observed food is taken in by body cells and used for energy , growth and repair is called \_\_\_\_\_.
  - Digestion
  - Absorption
  - assimilation**
  - Ingestion
- Paramecium uses its Hair like structure called \_\_\_\_\_ to Sweep the food particles from water and put them into its mouth.
  - Flagella
  - Cilia**
  - Tail
  - head
- The small intestine receives the secretion of two glands : \_\_\_\_\_ and \_\_\_\_\_.
  - Kidney and liver
  - Liver and pancreas**
  - gallbladder and liver
  - pancreas and gallbladder
- \_\_\_\_\_ is similar to bones .
  - Cartilage
  - Bone marrow**
  - Tooth
  - Dentine**
- Most of the plants absorb nitrogen in one of the following forms called \_\_\_\_\_.
  - Protein
  - urea
  - nitrates and nitrites**
  - atmospheric nitrogen
- Which of the following is the correct statement?
  - Heterotrophs synthesise their own food.
  - Heterotrophs utilize solar energy for photosynthesis .
  - Autotrophs do not synthesise their own food.
  - Autotrophs are capable of converting carbon dioxide and water into carbohydrates.**