

**K.V. YOL CANTT KANGRA HOLIDAY HOME WORK (SUMMER BREAK)  
2017-18 PREPARED BY ARVIND KUMAR PGT PHYSICS**

**Worksheet-01 Class - VII**

**Science -Nutrition in Plants-1**

1. Plants prepare their food by the process of

- a. Respiration
- b. Photosynthesis
- c. Transpiration
- d. All of these.

2. The organism that can prepare their own food are called

Heterotrophs  
Consumers  
Decomposers  
Autotrophs

3. Which of the following is not required by plant for food synthesis?

Water  
Oxygen  
Carbon dioxide  
Chlorophyll

4. Which one is an insectivorous plant?

Banyan tree  
Cuscuta  
Pitcher plant  
Neem plant

5. Match the following. Column A Column B

Autotrophs	i. Tiger
Heterotrophs	ii. Mushroom
Carnivores	iii. Cuscuta
Saprophytes	iv. Green plants
Parasite	v. Animals

6. Fill in the blanks

Green plants are called -----, since they synthesize their own food.  
Oxygen is released by plants during -----.  
----- live on dead and decaying animals.  
----- is the green coloured pigments present in leaves.  
The food synthesized by the plants is stored as -----.

7. What is photosynthesis?

8. Distinguished between parasite and saprophytes.

9. What are insectivorous plants? Give two examples.

10. Observe the diagrams of organisms given below. Name them and write their category.



(A)

(B)

(C)

**Worksheet-02 Class – VII Science**  
**(Nutrition in Animals-II)**

1. What is the mode of nutrition in animals?
  - a. Heterotrophic
  - b. Autotrophic
  - c. Symbiotic
  - d. All of these.
2. Which of the following is the longest part of the digestive system?

Large intestine  
Small intestine  
Oesophagus  
Rectum
3. Bile juice secreted by the liver plays an important role in the digestion of  

Protein  
Carbohydrates  
Cellulose  
Fats
4. Finger-like projection called villi are found in the inner wall of  

Small intestine  
Large intestine  
Rectum  
Pharynx
5. Match the following Column A Column B

Liver	i. Acid release
Large intestine	ii. Release of faecal matter
Rectum	iii. Absorption of digested food
Stomach	iv. Bile release
Villi	v. Absorption of water

6. Fill in the blanks.

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Saliva is secreted in the mouth by -----.

Largest gland in human body is -----.

Tongue help in ----- and -----.

Insulin is released by -----.

HCl is released by ----- in the stomach.

7. What is mastication?

8. What are enzymes? Give one example.

9. What is digestion? Why it is important?

10. Name the enzyme released from the following glands in human digestive system.

Salivary glands

Gastric glands

Pancreas

Liver