**Mount Litera Zee School, Haridwar**

**worksheet Class-VII**

**Chapter- 2 ( Nutrition In Animals)**

**Q1. Read the passage carefully given below:**

**The food we eat contains complex substances such as carbohydrates, protiens and fats. The body cannot use these substances unless they are converted into simpler substances. The process by which the body converts the complex components of food into the simpler substances is called digestion. Several organs of the body like, mouth ,oesophagus, stomach, liver, pancreas, small intestine and large intestine work to digest the food we eat. All the organs that work to digest food form digestive system.**

Frame atleast 4-5 questions from the passage given above with their answers.

**Q2. Write the meaning of following words:**

a) Assimilation b) Oesophagus c) Pseudopodia

**Q3. Name the parts involved in the processes given below:**

a) Digestion of carbohydrates\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

b) Production of bile \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

c) Complete digestion of food \_\_\_\_\_\_\_\_\_\_\_\_.

d) Digestion of protien \_\_\_\_\_\_\_\_\_\_\_\_.

e) Absorption of food \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**Q4. Prepare a flowchart showing the path of food in the alimentary canal.**

**Q5. Name the following:**

a) Four types of teeth

b) Glands help in digestion of food in human body

c) Acid produced in human body

d) Scientist who discovered the working of stomach

e) The sac like structure present between the small intestine and large intestine in ruminants

**Q6.Make the following statement as TRUE or FALSE . If false correct the statement.**

a) Tounge is attached to the roof of the mouth cavity at back.

b) The large intestine is longer and smaller than the small intestine.

c) Mucus protect the stomach lining from damage.

d) All hetrotrophs have similar basic process of nutrition**.**

**Q7. Give reason :**

a) A piece of chapati chewed for a longer time begins to taste sweet.

b) Vegetables and fruits keep the digestive system clean .

**Q8. Which food do you think will take longer to digest- sugar or beans (contains a lot of protien)?**

**Q9. Boojh took some grains of boiled rice in test tube A, while Paheli took some boiled and chewed rice in test tube B. Both of them poured 1-2 drops of iodine solution in the test tube and observed the colour change. What colour change would they have observed? Give reason for your answer.**

**Q10. You were blindfolded and ask to identify the drinks provided in two different glasses. You could identify drink A as lime juice and drink B as bitter gourd juice. How could you do it inspite of being blinfolded?**