

## BRAIN INTERNATIONAL SCHOOL

Science Assignment

Class: VII

June'21

### Chapter -2:Nutrition In Animals.

- 1.What is the importance of the following (a) villi (b) Liver (c) HCL in human digestive system.
2. Explain how a cow can digest grass but we cannot.
- 3.Give all the steps of feeding and digestion in amoeba with the help of a diagram.
- 4.Write a short note on tooth decay.
5. Explain all the steps involved in the process of digestion in human beings.
- 6.When food is put in our mouth, the teeth cut, chew and grind it. The glands A present in mouth secretes a watery liquid B which helps to digest component C present in the food partially. This partially digested food then passes through tube D into an organ E. The inner walls of organ E secretes mucus, hydrochloric acid and digestive juices.

What are A, B, C, D, E?

**For the following question, two statements are given-one labeled Assertion (A) and the other labelled Reason (R). Select the correct answer to these questions from the codes (i), (ii), (iii) and (iv) as given below**

- (i) Both A and R are true and R is correct explanation of the assertion.
- (ii) Both A and R are true but R is not the correct explanation of the assertion.
- (iii) A is true but R is false.
- (iv) A is false but R is true.

**Assertion:** Insectivorous plants are partial heterotrophs.

**Reason:** They feed on insects to obtain nitrogen compounds for their growth.

**Assertion:** Leaves are the food factories of the plant

**Reason:** Leaves transport food to various parts of the plant.

### Chapter -3:Fibre To Fabric.

- 1.Define (a) Shearing (b) Scouring (c) Spinning (d) Sorting (e) Dyeing.
- 2.Explain how silk is produced.

3.What is sorters disease? How is it caused?

4.How wool is obtained from sheep?

**5. Complete the following paragraph given below.**

The female silk moth lays eggs on the leaves of a \_\_\_\_\_.The eggs hatch to form worm like larvae called \_\_\_\_\_.They feed on leaves of mulberry leaves and grow bigger in size. \_\_\_\_\_ is formed in liquid form in the two glands in the silkworms head. When the silkworm is ready to enter its next stage of development called \_\_\_\_\_,it first weaves a net to hold itself. Then it swings its head from side to side in form of eight which solidifies on exposure to air and becomes \_\_\_\_\_.The silky covering spun by the silkworm is called \_\_\_\_\_.

### **Chapter 5:ACIDS,BASES AND SALTS.**

**Q1.Answer the following questions briefly:**

i. What is the chemical name of vitamin C ?

ii. Name the gases which cause acid rain?

iii. Look at the given reaction:

Hydrochloric acid + Sodium hydroxide  $\longrightarrow$  Sodium chloride +Water.

Sodium chloride formed in this reaction remains in solution form. Can we get solid sodium chloride from this solution. Suggest a method if any.

iv. Which indicator is generally used to observe neutralization reaction?

v. While playing in a park, a child was stung by a wasp. Some elders suggested applying paste of baking soda and others lemon juice as remedy. Which remedy do you think is appropriate and why?

**For the following question , two statements are given-one labeled Assertion (A) and the other labelled Reason (R). Select the correct answer to these questions from the codes (i), (ii), (iii) and (iv) as given below**

**(i)Both A and R are true and R is correct explanation of the assertion.**

**(ii)Both A and R are true but R is not the correct explanation of the assertion.**

**(iii)A is true but R is false.**

**(iv)A is false but R is true.**

**Assertion:** Organic acids are not naturally occurring acids.

**Reason:** They are found in various types of plants and animals.

**Assertion:** The acids prepared from the minerals of the earth are called mineral acids.

**Reason:** They are also known as laboratory acids.