**NORTH PNORTH POINT SENIOR SECONDARY BOARDING SCHOOL**

**WORKSHEET**

**CLASS - VIII**

**BIOLOGY**

**Worksheet on Microorganisms - Friend or Foe**

1. Fill in the blanks:

   (i) \_\_\_\_\_\_ bacteria causes citrus canker.

   (ii) \_\_\_\_\_\_ is a skin disease in human caused by fungus.

   (iii) The female Aedes mosquito is a carrier of the \_\_\_\_ virus.

   (iv) \_\_\_\_\_ , \_\_\_\_\_ are chemicals that inhibit microbial growth.

   (v) When an antigen enters the body, the body produce proteins called \_\_\_\_\_\_\_ to destroy it.

   (vi) A \_\_\_\_\_\_ is used to study microbes.

   (vii) \_\_\_\_\_ is an unicellular fungus.

   (viii) \_\_\_\_\_\_ made the first vaccine.

   (ix) \_\_\_\_\_ microbe is present in our intestine as a friendly microbes.

   (x) \_\_\_\_ can kill disease causing microbes without causing injury to body.

   (xi) \_\_\_\_\_ are on the borderline of living and non-living.

   (xii) \_\_\_\_\_ and \_\_\_\_ are two diseases caused by bacteria.

   (xiii) The heating of milk upto 70°C and then suddenly cooling is called \_\_\_\_.

   (xiv) In legumes, the root nodules contain the bacterium \_\_\_\_\_ .

   (xv) Yeast is added to dough to produce \_\_\_\_ which makes the dough rise.

2. Answer the following statement in one word:

   (a) A fungal disease of plant.

   (b) A bacterial disease of plant.

   (c) An example of virus.

   (d) Single Celled Microbes.

   (e) Microorganism that increases soil fertility.

   (f) Bacteria that causes Anthrax disease.

   (g) A plant that can show root module formation.

   (h) A useful fungi.

3. Define the given terms:

     Vaccine, Pathogen, Immunity, Pasteurisation, Fermentation, Denitrification.

4. Give the contribution of the followings:

     (a) Louis Pasteur;  (b) Alexander Fleming;  (c) Robert Koch

5. Draw a well labelled diagram of Nitrogen cycle.

6. Name one air borne human disease.

7. Expand BCG.

8. What causes bread dough to rise?

9. How curd is formed from milk?

10. Mention two examples of chemical preservatives.