

JUNE

MICRO ORGANISMS: Friend & Foe!

I. TECHNICAL TERMS:

1. Microbes: Very small living organisms which can only be seen through a microscope.
2. Pathogens: Microorganisms that cause diseases in humans, animals or plants.
3. Cyst: Hard Outer covering on the body of Microorganism.
4. Vaccine: Biological Preparation that improves immunity to a particular disease.
5. Pasteurization: Preservation technique, in which milk is boiled to a very high temperature and then quickly cooled to kill microorganisms.

II. ANSWER THE FOLLOWING:

1. How do some micro-organisms clean up the environment?
Some micro-organisms decompose the organic waste and dead plants and animals into simple substance and clean up the environment.
2. Where do Rhizobium bacteria commonly live?
Rhizobium bacteria live in the root nodules of leguminous plants.

III. GIVE REASON:

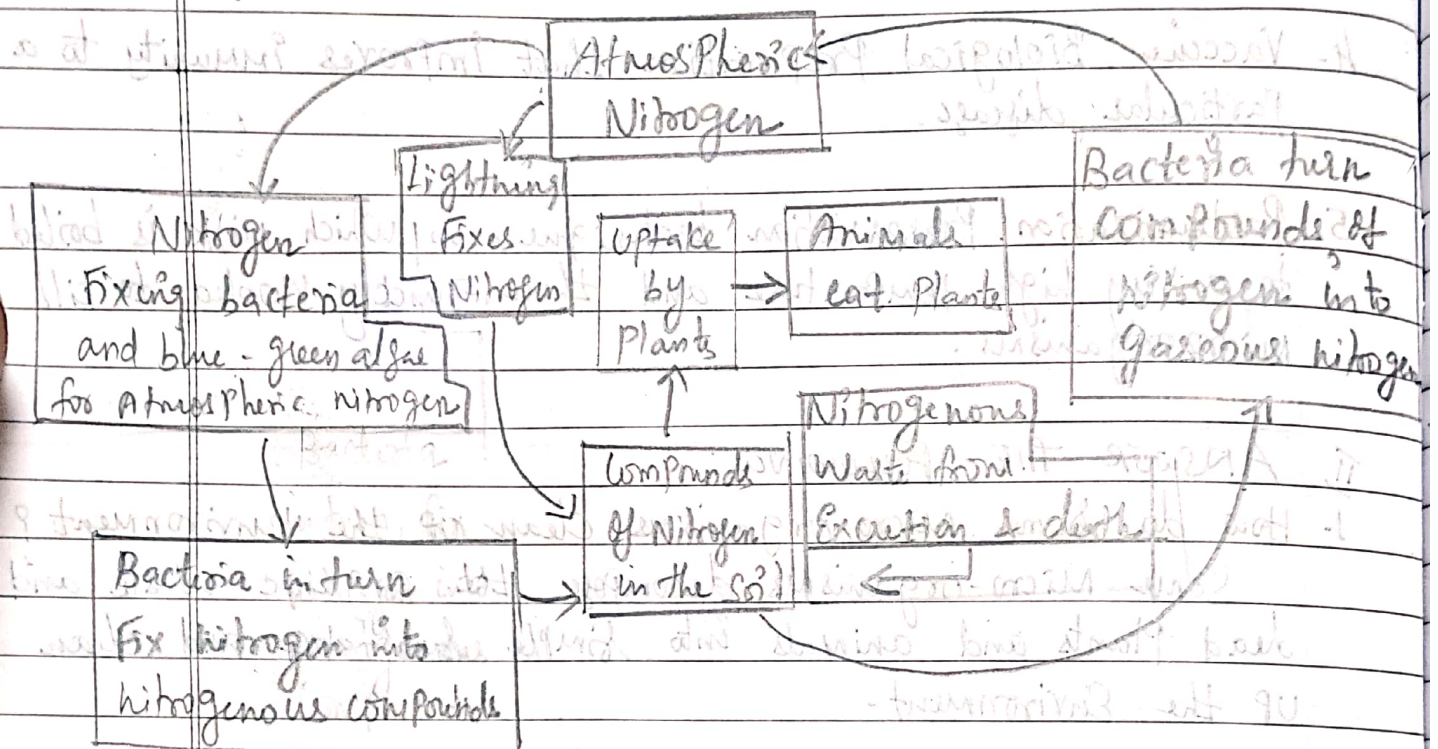
1. A boy opened two packets of Milo drink. He left one in the refrigerator and another on the table. Three days later, he got a bad smell from the packet left on the

table. The Packet of Milo drink in the refrigerator did not have a bad smell. Why?

The Packet which was put in the refrigerator did not have a bad smell because there was a cold temperature and bacteria cannot grow there. Decomposition by bacteria in the Packet left on the table caused a bad smell.

IV. LONG ANSWER QUESTION:

1. Draw a labelled diagram to illustrate the nitrogen cycle.



NITROGEN CYCLE

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