

Microorganisms Friend and Foe

I) Fill in the blanks.

1. The pathogens are -----causing organisms.
2. An edible fungus is -----.
3. The antibiotic first discovered by Alexander Fleming is called -----.
4. Rhizobium is found in the root nodules of ----- plants.
5. ----- mosquito acts as a carrier of malaria causing parasite.
6. The algae commonly used as fertilizers are called -----.
7. Yeast cells produce alcohol and carbon dioxide by the process called -----.
8. Mushroom belongs to ----- (Fungi/ algae)
9. Penicillium is a ----- (Algae/ fungi)
10. Malaria is caused by ----- (Bacteria/ protozoa)
11. Viruses can only multiply in a living cell. (True/False)
12. Louis Pasteur was the first scientist who discover the penicillin. (True/False)
13. The micro-organisms play an important role in the production of biogas and compost. (True / False)
14. Yeast help in the manufacture of beer, wine and other beverages. (True / False).
15. Viruses are parasitic in nature. (True / False)

II Short Answers type questions:

1. Name two single celled micro-organisms.
2. Name two multi-cellular micro-organisms.
3. Write two names of two diseases caused by virus.
4. Name some diseases caused by protozoans.
5. Name some diseases caused by bacteria.

6. Name two groups of micro-organisms live in colonies.
7. Name the micro-organism which promote the formation of curd.
8. What is fermentation?
9. Name the scientist who discovered the fermentation?
10. Who discovered the antibiotics ?
11. Name some antibiotic.
12. Name two communicable diseases.
13. Name the most popular vaccination programme.
14. Who discovered the vaccine for small pox.
15. Name two communicable diseases.
16. Name some preservatives.
17. Which microorganisms are called nitrogen fixing bacteria.
18. What are preservative?
19. Where does Rhizobium bacteria commonly live?
20. Name the carrier of dengue fever.
- 21.. Mention the amount of nitrogen gas in atmosphere ?