



Microorganisms: Friend or Foe

Grade VIII

Worksheet

Fill in the Blanks

1. Bacteria, fungi, protozoa and _____ are the major four groups in which microorganisms are classified.
2. Two microorganisms which live in symbiotic association in lichens are _____ and _____.
3. We use a _____ to see the microorganisms.
4. _____ are considered different from other microorganisms because they can multiply only by entering the host organisms.
5. The gas released during the preparation of bread is _____.
6. The disease caused by a protozoan and spread by an insect is _____.
7. _____ are curved-shaped bacteria.
8. Saprophytes and _____ are the two main categories of fungi.
9. _____ are the threads of the multicellular fungi.
10. Yeast is a _____ fungus.
11. Protozoa are _____ in nature.
12. Flu, cough and cold are caused by _____.
13. The first antibiotic discovered was _____.
14. _____ are the microorganisms that help in the process of decomposition.
15. The process of formation of curd from milk is known as the _____ of milk.

State whether the given statements are True or False.

16. Microbiology is the science of study of microbes.
17. All the microorganisms are harmful.
18. An instrument called microscope is required to see the microorganisms.
19. Bacteria have an organised nucleus.
20. Microorganisms are found in large number around us.
21. Viruses are the most useful microbes.
22. Anabaena is listed in the category of algae.
23. Algae tend to develop on wet surfaces.
24. Amoebic dysentery is caused by algae.
25. A fungi is used in the production of alcohol.
26. Jellies, jams and squashes are preserved by adding vinegar to them.
27. Salt is used as a food preservative.
28. Oxygen alone constitutes 78% of air.

Choose the Correct Answers

1. Yeast is used in the production of
 - (i) sugar
 - (ii) alcohol
 - (iii) hydrochloric acid
 - (iv) oxygen
2. The following is an antibiotic:
 - (i) sodium bicarbonate
 - (ii) streptomycin
 - (iii) alcohol
 - (iv) yeast
3. Carrier of malaria-causing protozoan is:
 - (i) female Anopheles mosquito
 - (ii) cockroach
 - (iii) housefly
 - (iv) butterfly
4. The most common carrier of communicable diseases is
 - (i) ant
 - (ii) housefly
 - (iii) dragonfly
 - (iv) spider
5. The bread or idli dough rises because of:
 - (i) heat
 - (ii) grinding
 - (iii) growth of yeast cells
 - (iv) kneading
6. The process of conversion of sugar into alcohol is called
 - (i) nitrogen fixation
 - (ii) moulding
 - (iii) fermentation
 - (iv) infection

Answer the Following

7. What are the major groups of microorganisms?
8. Name the microorganisms which can fix atmospheric nitrogen in the soil.
9. Write 10 lines on the usefulness of microorganisms in our lives.
10. Write a short paragraph on the harmful effects of microorganisms.
11. What are antibiotics? What precautions must be taken while taking antibiotics?