



INDIAN SCHOOL NIZWA - WORKSHEET

SCIENCE

CH:2 Microorganisms: Friend and Foe

Name: _____

Date: _____

Class: VIII Sec: ____

Answer the following

1.	_____ are considered different from other microorganisms because they can multiply only by entering the host organisms.
2.	The gas released during the preparation of bread is _____.
3.	The first antibiotic discovered was _____.
4.	Flu, cough and cold are caused by _____.
5.	Name the following: a) A bacterium that helps in the formation of curd. b) A microorganism which helps in nitrogen fixation. c) Two groups of microbes that are involved in the process of decomposition.
6.	Who discovered the vaccine for small pox?
7.	Give two examples of each of the following types of microorganisms: (a) Algae (b) Fungi (c) Protozoa
8.	What do you mean by preservatives? Name any two common preservatives.
9.	How do we preserve pickles?
10.	What are preservatives?
11.	Why pasteurized milk can be consumed without boiling?
12.	How are viruses different from other microorganisms?
13.	How do microorganisms clean the environment?
14.	How are jams and squashes preserved?
15.	Why do we keep food in refrigerator?
16.	Who discovered the bacterium which causes anthrax disease?
17.	Why sugar is used as a preservative?
18.	Name some commonly known antibiotics which are made from fungi and bacteria.
19.	How does food become poisonous?
20.	Name the bacterium found in the roots of pea plant. How is this bacterium useful?



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21.	Why should we keep our food covered?
22.	How milk is turned into curd?
23.	Why is tuberculosis considered as infectious disease?
24.	What are biological nitrogen fixers?
25.	Why should we not let water collect anywhere in the neighbourhood?
26.	How does a vaccine work?
27.	Mention some important uses of fungi.
28.	Write 10 lines on the usefulness of microorganisms in our lives.
29.	What are antibiotics? What precautions must be taken while taking antibiotics?
30.	Explain nitrogen cycle.
31.	What happens when yeast powder is added to sugar solution and kept for 4-5 hours?

MCQs

1. Spyrogyra is
 - a) An algae
 - b) A fungi
 - c) A protozoa
 - d) A bacteria
2. Vaccine for small pox is discovered by
 - a. Louis Pasteur
 - b. Alexander Fleming
 - c. Edward Jenner
 - d. John Mendal
3. Amount of nitrogen in the atmosphere is
 - a. 58%
 - b. 68%
 - c. 78%
 - d. 88%
4. Mushroom belongs to
 - a. Algae
 - b. Virus
 - c. Fungi
 - d. None of these
5. Amoeba belongs to
 - a. Algae
 - b. Fungi
 - c. Protozoa
 - d. Virus
6. Scientist who discovered fermentation is
 - a. Alexander Fleming
 - b. Louis Pasteur
 - c. John Mendal
 - a. Edward Jenner
7. Rhizobium bacteria



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- a. Help in digestion
 - b. Help in nitrogen fixation
 - c. Cause diseases
 - d. All of the above
8. Malaria Is caused by
- a. Protozoa
 - b. Virus
 - c. Algae
 - d. Bacteria
9. Penicillium is a
- a. Algae
 - b. Fungus
 - c. Bacteria
 - d. Yeast
10. Microorganisms are
- a. Unicellular
 - b. Multi-cellular
 - c. Both
 - d. None of these
11. . Some medicines obtained from micro-organisms are applied to kill or stop the growth of disease-causing microorganisms. Such medicines are called ____.
- a) Antibodies
 - b) Antibiotics
 - c) Antiseptics
 - d) All of the above
12. A common preservative used in jam and pickles is
- a) Sodium benzoate
 - b) Nitric acid
 - c) Sodium Chloride
 - d) Copper Sulphate
13. The pores in the bread is due to gas bubbles of
- a) Oxygen
 - b) Nitrogen di oxide
 - c) Nitrogen
 - d) Carbon di oxide
14. Deliberately injecting weak microbes into a healthy body and producing antibodies to fight against strong microbes is called _____
- a) Medication
 - b) Antibiotics
 - c) Vaccination
 - d) All of the above
15. The microbe for Malaria is carried by
- a) Male Anopheles mosquito
 - b) Female Anopheles Mosquito



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- c) Male Aedes mosquito
- d) Female Aedes mosquito