



Grade : 8

MICRO_ORGANISMS

DATE:

Worksheet 1&2

I. Multiple choice questions:

- _____ was the first scientist to describe microorganism.
(a) Edward Jenner (b) Alexander Fleming (c) Louis Pasteur (d) Antonie Van Leeuwenhoek
- Which of the following is not responsible for spoilage of food?
(a) algae (b) fungi (c) bacteria (d) chemicals
- Which of the following is a biological nitrogen fixer?
(a) housefly (b) fungi (c) blue-green algae (d) protozoa
- Edward Jenner discovered the vaccine for _____.
(a) cholera (b) smallpox (c) tuberculosis (d) polio

II.Fill in the blanks:

- The ability of one's body to resist a disease is known as _____.
- Microorganism help recycle _____ back into the soil.
- Bacteria _____ causes food poisoning.
- Sodium benzoate is a common food _____.

III.State whether the following statements are true or false:

- Nitrogen fixation is done by viruses. _____
- Yeast is used to make alcoholic drinks by fermentation. _____
- All viruses cause diseases and are parasites. _____
- Anopheles mosquito carries germs of malaria. _____

IV. Answer the following questions in short:

- Name any two antibiotics?

- Which microscope is suitable to learn about very tiny objects?

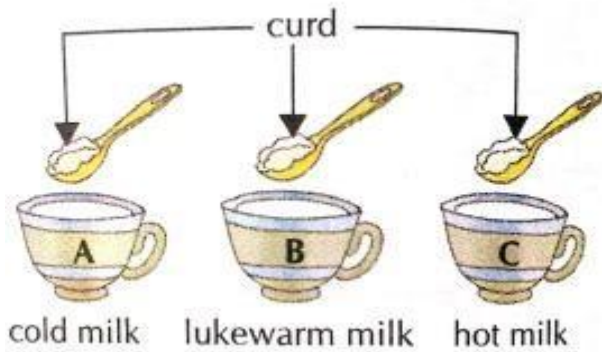
- Which is the smallest microbe known till date?

- Which bacterium is always ciliated?

- Define pasteurisation?

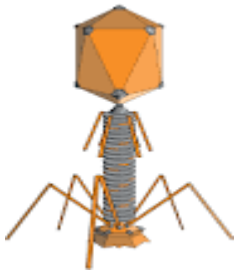
V. Practical skills:

In the following Activity:



1. Curd is formed only in _____.
(a) cup A (b) cup B
(c) cup C (d) all three cups
2. Curd is not formed in cup C because bacteria are _____
(a) active (b) inactive
(c) killed (d) none of these

VI. Identify the following microorganisms:



- (a) _____ (b) _____ (c) _____

VII. Write one word for the following:

1. Organism which can be seen only under a microscope. _____
2. Process of making an object free from germs. _____
3. Disease causing microbes. _____
4. Study of microorganism. _____

VIII. Name any two antibiotics .

IX. Why should we always wash our hands before handling food items?