

## Chapter- 2

### Worksheet-1

1. Citrus canker is a \_\_\_\_\_ disease caused by \_\_\_\_\_.
2. A \_\_\_\_\_ is used to study microbes.
3. \_\_\_\_\_ is a unicellular fungus.
4. Tiny organisms which cannot be seen with the naked eyes are called
  - (a) microorganisms
  - (b) animals
  - (c) fungi
  - (d) bacteria
5. Bacteria are organisms.
  - (a) multicellular
  - (b) unicellular
  - (c) bicellular
  - (d) tricellular
6. Simple, plant-like microorganisms are called
  - (a) algae
  - (b) bacteria
  - (c) both (a) and (b)
  - (d) protozoa
7. The process in which sugar in the food is transformed into alcohol and carbon dioxide by using microorganisms is known as
  - (a) transformation

- (b) beverage
- (c) fermentation
- (d) respiration

8. The fungus that is commonly used in bakery and beverage industries is
- (a) Penicillium
  - (b) Yeast
  - (c) Agaricus
  - (d) Rhizopus
9. Match the names of scientists given in Column A with the discovery made by them given in Column B.

**Column A**

**Column B**

- |                       |                        |
|-----------------------|------------------------|
| (a) Louis Pasteur     | (i) Penicillin         |
| (b) Robert Koch       | (ii) anthrax bacterium |
| (c) Edward Jenner     | (iii) Fermentation     |
| (d) Alexander Fleming | (iv) small pox vaccine |
|                       | (v) Typhoid            |

10. Classify the following into friendly and harmful microorganisms.  
Yeast, malarial parasite, Lactobacillus, bread mould, Rhizobium, *Bacillus anthracis*.
11. Where do Microorganisms Live?
12. Mention the role of Lactobacillus.
13. Name two commonly used antibiotics.
14. Who discovered the vaccine and when?

15. Comment on Biological nitrogen fixers.
16. What are communicable diseases?
17. Name a bacterial and a viral disease in animal.
18. How is food poisoning caused?
19. What are preservatives?
20. Explain in brief nitrogen cycle.