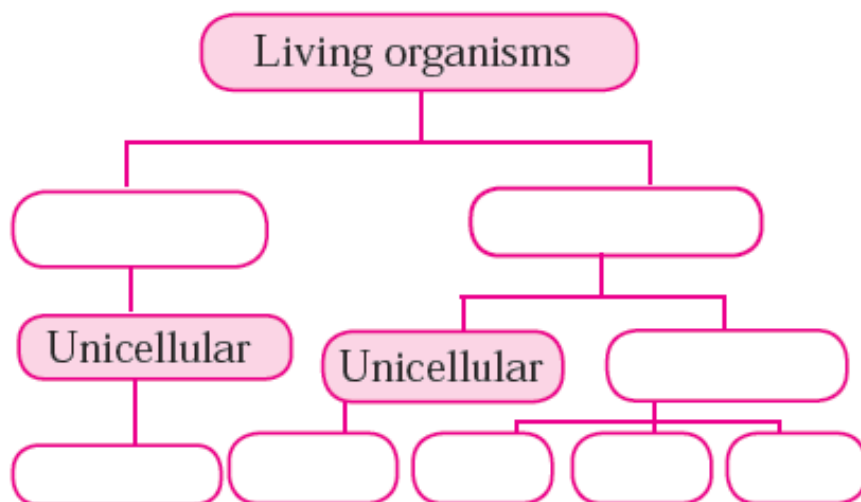


S1. Living World and Classification of Microbes | Class 8

1. Use Whittaker method to classify bacteria, protozoa, fungi, algae, prokaryotic and eukaryotic microbes.

ANS:

2. Complete the five kingdom method of classification using- living organism, prokaryotes, eukaryotes, multicellular, unicellular, protista, animals, plants, fungi.



3. Find out my partner

A	B
Fungi	<i>Chlorella</i>
Protozoa	Bacteriophage
Virus	<i>Candida</i>
Algae	<i>Amoeba</i>
Bacteria	Prokaryotic

4. State whether the following statements are true or false. Explain.

a. *Lactobacilli* are harmful bacteria.

ANS:

b. Cell wall of fungi is made up of chitin.

ANS:

c. Organ of locomotion in amoeba is pseudopodia.

ANS:

d. Tomato wilt is a viral disease.

ANS:

5. Give answers.

a. State the merits of Whittaker's method of classification.

ANS:

b. Write the characteristics of viruses.

ANS:

c. Explain the nutrition in fungi.

ANS:

d. Which living organisms are included in the kingdom monera ?

ANS:

6. Who am I ?

a. I don't have true nucleus, cell organelles or plasma membrane.

ANS:

b. I have nucleus and membrane bound cell organelles.

ANS:

c. I live on decaying organic matter.

ANS:

d. I reproduce mainly by cell division.

ANS:

e. I can produce my replica.

ANS:

f. I am green, but don't have organs.

ANS:

7. Draw neat and labelled diagrams.

a. Different types of bacteria.

ANS: Draw Diagram

b. Paramecium

ANS: Draw Diagram

c. Bacteriophage.

ANS: Draw Diagram

8. Arrange the following in ascending order of size :

Bacteria, Fungi, Viruses, Algae.

ANS:
