



KALPAVRUKSHA MODEL SCHOOL

Online class Assignments-1

Class: VIII

Sub: Biology

Date: 24.06.2021

Topic: Microorganisms

I. Answer the following questions:

1. What is a microscope?

Ans: A microscope is an instrument that make use of lenses to make smaller objects appear larger.

2. What are microorganisms? Name the five major groups into which microorganisms can be divided?

Ans: Organisms that are visible only under a microscope are called microorganisms (micro means very small) Or microbes. The major groups of the microorganisms are bacteria, fungi, algae, protozoa and virus.

3. What is a specimen? How does a coverslip help in making a slide? Write the basic steps for using a microscope.

Ans: The object to be viewed under the microscope is generally referred to as the specimen. The coverslip protects the microscope's objective lens by preventing it from coming into contact with the specimen sample. It also helps to create an even thinness for the sample.

The basic steps to use a microscope are as follows.

1. Clean the mirror using a soft, clean cloth, if required.

2. Place the slide (with the specimen) on the stage.
3. Adjust the focus of the eyepiece and the objective lens.
4. View the slide through the eyepiece.

4. Name any two algae.

Ans: Chlamydomonas, Spirogyra

5. Name any two fungi.

Ans: Bread mould, Penicillium, Aspergillus

6. Where are microorganisms found?

Ans: Microorganisms are found in all type of environment such as cold polar regions, hot deserts and dense forest.