

1903000202030111
EXAMINATION FEBRUARY-MARCH 2024
BACHELOR OF SCIENCE (FIRST YEAR)
(SECOND SEMESTER)
BIOSCIENCE (MICROBIOLOGY) PAPER - I
MICROBIAL DIVERSITY

[Time: As Per Schedule]

[Max. Marks: 50]

Instructions:

1. Fill up strictly the following details on your answer book

- a. Name of the Examination : **BACHELOR OF SCIENCE (FIRST YEAR) (SECOND SEMESTER)**
- b. Name of the Subject : **BIOSCIENCE (MICROBIOLOGY) PAPER - I MICROBIAL DIVERSITY**
- c. Subject Code No : **1903000202030111**

2. Sketch neat and labelled diagram wherever necessary.
3. Figures to the right indicate full marks of the question.
4. All questions are compulsory.

Seat No:

--	--	--	--	--	--

Student's Signature

Q.1 Answer as directed.

12

1. Explain - Virus.
2. Describe in brief conjugation in spirogyra.
3. What is binary fission?
4. Give two examples of microalgae.
5. Enlist the various asexual spores of fungi.
6. Define - Heterocyst, Obligate anaerobes.

Q.2 Answer any two of the followings.

14

1. Describe in brief Archeobacteria.
2. Describe in brief Types of bacteria

3. Explain in brief classification of viruses.

Q.3 Answer any two of the followings.

14

1. Describe in brief importance of algae.
2. Write a note on reproduction in mucor.
3. Explain in brief ultra-structure of fungi.

Q.4 Write short notes on: (Any two)

10

1. Protozoan movement.
2. Nostoc & Oscillatoria.
3. Complex viruses
