

2403000502018001
EXAMINATION FEBRUARY-MARCH 2024
BACHELOR OF SCIENCE (SECOND SEMESTER) (NEP)
MAJOR-1-BIOSCIENCE (MICROBIOLOGY) PAPER - I
THEORY (MICROBIAL DIVERSITY) - LEVEL 1

[Time: As Per Schedule]

[Max. Marks: 35]

Instructions:

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

- a. Name of the Examination: **BACHELOR OF SCIENCE (SECOND SEMESTER) (NEP)**
- b. Name of the Subject: **MAJOR - 1 BIOSCIENCE (MICROBIOLOGY) PAPER - I THEORY (MICROBIAL DIVERSITY) – LEVEL 1**
- c. Subject Code No: **2403000502018001**
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 Short answer question. (Any Five)

5

- 1) Give any two characteristics of prokaryotic cell.
- 2) State any two microalgae.
- 3) Describe in brief conjugation in spirogyra.
- 4) What are the characteristics of Halophiles?
- 5) What is the habitat of fungi?
- 6) Enlist the protozoa

Q.2 Answer any two of the followings.

10

- 1) Describe in brief Cyanobacteria.
- 2) Explain in brief the characteristics of Extremophiles.
- 3) Write a note on types of bacteria.

Q.3 Answer any two of the followings.

10

- 1) Describe the general characteristics of protozoa.
- 2) Explain in brief outline classification of algae.
- 3) Write a note on binary fission in paramecium.

Q.4 Answer any two of the followings.

10

- 1) Discuss the characteristics of Fungi.
- 2) Write a note on reproduction of Mucor.
- 3) Explain in brief economic importance of fungi.
