

2103000204026002 / 2203001104030005
EXAMINATION FEBRUARY -MARCH 2024
BACHELOR OF SCIENCE (FOURTH SEMESTER)
MICROBIOLOGY-IX (MB-402-MYCOLOGY PHYCOLOGY
AND PROTOZOLOGY)

[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 (FOURTH SEMESTER)**
- b. Name of the Subject : **MICROBIOLOGY-IX (MB-402-MYCOLOGY PHYCOLOGY AND PROTOZOLOGY)**
- c. Subject Code No :
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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:

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Student's Signature

Q.1 Give Specific answers

8

- a. Define: fungi
- b. Write the names of parts of the thallus of mold?
- c. Define: Zygomycetes.
- d. What is Chytrids?
- e. Define: Prototheca.
- f. What are Carotenes?
- g. Define: Protozoology.
- h. Write examples of anaerobic protozoa.

Q.2 Explain/comment on any two of the following **14**

- a. Explain cultivation of fungi.
- b. Comment on algae as food.
- c. Comment on algae can reproduce sexually or asexually.

Q.3 Discuss any two of the following. **14**

- a. Discuss in brief reproduction of protozoa.
- b. Discuss the life cycle of a typical Basidiomycota.
- c. Write on Importance of fungi.

Q.4 Write short notes on any two of the following **14**

- a. Ecology of Protozoa.
- b. The Glomeromycota.
- c. Morphology of fungi.
