



RAN - 2103000204026002

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S.Y.B.Sc. (Microbiology) (Sem. IV) Examination April - 2023

MB 402: Mycology, Phycology and Protozoology

Time: 2 Hours]

[Total Marks: 50

सूचना : / Instructions

(१)

नीचे दशविवेक निशानीवाणी विगतो उत्तरवली पर अवश्य लपववी.
Fill up strictly the details of signs on your answer book

Name of the Examination:

S.Y.B.Sc. (Microbiology) (Sem. IV)

Name of the Subject :

MB 402: Mycology, Phycology and Protozoology

Subject Code No.: **2103000204026002**

Seat No.:

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Student's Signature

- (2) Figures to the right indicate full marks of the question.
(3) Draw neat and labeled diagrams whenever necessary.

Q.1. Give Specific answers:

12

1. Name any four asexual spores produced by fungi.
2. Define: I) Antheridium II] Oogonium
3. What do you mean by sclerotia?
4. Define Ascocarp and Basidiocarp.
5. What is Ergotism?
6. Define: 1) Cytostome II) Peristome

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

12

1. Microsporidia have the most confused taxonomic history.
2. Many species of algae are used as food.
3. Protozoa may move by three specialized locomotory organelles.

Q.3. Discuss any two of the following:

16

1. Characteristics and morphology of fungi.
2. Give a detailed note on algal morphology and their pigments.
3. Describe asexual reproduction of protozoa in detail.

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

10

1. Sexual reproduction in fungi.
 2. *Chytridiomycota*.
 3. Algae and diseases.
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