



RAN - 1903000202030111

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F.Y.B.Sc. (Sem. II) Examination April - 2023

Bioscience (Microbiology) : Paper BS-201

Microbial Diversity

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:

F.Y.B.Sc. (Sem. II)

Name of the Subject :

Bioscience (Microbiology) : Paper BS-201 - Microbial Diversity

Subject Code No.: 1903000202030111

Seat No.:

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Student's Signature

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

Q. 1 Answer as directed:

12

1. Explain - Methanogens.
2. Describe in brief habitat of algae.
3. What is Conjugation?
4. Give any two examples of flagellated protozoan.
5. Enlist the various molds.
6. Define - Hyphae, Nucleocapsid.

Q. 2 Answer any two of the followings.

14

1. Describe in brief Cyanobacteria.
2. Describe in brief types of bacteria.
3. Explain in brief characteristics of viruses.

Q.3 Answer any two of the followings. 14

1. Write a note on - Protista.
2. Describe in brief useful aspects of fungi.
3. Explain asexual & sexual reproduction in Mucor.

Q.4 Write short notes on: (Any two) 10

1. Ultra structure of algal cell.
 2. Binary fission in Paramecium.
 3. Amoeba.
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