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RAN-2403000503026001

S.Y.B.Sc. Microbiology (Sem. III) Examination March - 2025

MB : 302 Control of Microorganisms

सूचना : / Instructions

(१)

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

Name of the Examination:

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

Name of the Subject :

MB : 302 Control of Microorganisms

Subject Code No.: **2403000503026001**

Seat No.:

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Student's Signature

Q. 1. Give the Specific Answers (Any five) (05)

1. What is the mode of action of alcohol to control the microbes?
2. What are iodophors?
3. Give the full form of HEPA and PSI.
4. Give the difference between Microbicidal and Microstatic.
5. Define: Plasmolysis and Plasmoptysis.
6. Enlist the three Pasteurization Process.

Q. 2. Explain in detail any Two of the following: (10)

1. Write a note on microbial death rate pattern.
2. Ionizing and non ionizing radiations are used as sterilizing agent and disinfectant - Explain.
3. Briefly explain the use of Refrigeration and Filtration methods to control the microorganisms.

Q. 3. Attempt by TWO of the following (10)

1. State the mode of action and applications of heavy metals and compounds.
2. Write on - Alcohol, hydrogen peroxide & related germicides.
3. Explain in detail the factors affecting the germicidal activity of chemicals.