

THE HNSB. LTD. SCIENCE COLLEGE HIMATNAGAR
MICROBIOLOGY DEPARTMENT

1st ASSIGNMENT SUBMISSION NOTICE

Year: 2023-2024

Date: 08/01/2024

This is to inform all the students of **B.Sc. MICROBIOLOGY sem 4 and 6** that students have to write down assignment in separate supply as shown below. Last date for submission is **16/01/2024**. Students must have to submit assignment before/on due date.

B.Sc. Sem-4

• **MB-401 – FOOD AND DAIRY MICROBIOLOGY**

1. Write a short note on Cheese.
2. Write short note on spoilage of vegetables and meat.
3. Write a short note on food infection by salmonella and shigella.
4. Explain preservation by Canning.
5. Natural flora of various food.

• **MB-402 – ENVIRONMENTAL MICROBIOLOGY**

1. Explain Extremophiles.
2. Write a brief note on normal flora of Human body.
3. Write a short note on Nitrogen cycle.
4. Explain in detail: Secondary waste water treatment.
5. Explain BOD and COD.

B.Sc. Sem-6

- **MB-601 – MICROBIAL GENETICS**

1. Write a note on Griffith experiment.
2. Explain mechanism of general transduction.
3. Explain various types of Mutagens.
4. Write a note on types of plasmids.

- **MB-602 – MICROBIAL PHYSIOLOGY AND METABOLISM**

1. Explain penicillin production.
2. Write note on cell disruption methods.
3. Write a brief note on Bioreactor.
4. Explain methods of immobilization.

- **MB-603 – MEDICAL MICROBIOLOGY**

1. Write a note on normal microflora of human body.
2. Explain in detail Malaria.
3. Give answer in detail of fungal disease.
4. Write short note on respiratory disease.

- **MB-604 – R-DNA TECHNOLOGY**

1. Write down PBR vectors.
2. Write short note on PCR.
3. Explain in detail cDNA libraries.
4. Explain in detail any two application of R DNA technology.