

THE HNSB. LTD. SCIENCE COLLEGE HIMATNAGAR

MICROBIOLOGY DEPARTMENT

ASSIGNMENT SUBMISSION NOTICE

Year: 2024-2025

Date: 14/08/2024

This is to inform all the students of **B.Sc. MICROBIOLOGY SEM 1 & 3** that students have to write down assignment in separate supply as shown below. Last date for submission is **24/08/2024**. Students must have to submit assignment before/on due date.

B.Sc. Sem-1

MIC 101 (Fundamentals of Microbiology)

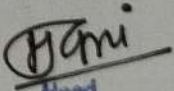
1. Explain Whittakers Five kingdom classification system.
2. Discuss scope of microbiology in various fields.
3. Give difference between prokaryotic cell and eukaryotic cell.
4. Write a note on bright field microscopy.
5. Explain Gram staining.

B.Sc. Sem-3

MIC 301 (Microbial Biochemistry and physiology)

MIC 302 (Microbial Diversity and Taxonomy)

1. Explain TCA cycle in detail.
2. Discuss the first law of thermodynamics.
3. Write a note on nutrient uptake and transport.
4. Explain microbial growth by temperature and pH.
5. Explain Whittakers Five kingdom classification system.
6. Write a short note on Fungi.
7. Write down Lytic life cycle of viruses.
8. Define following terms:
 - a. Taxonomy
 - b. Phylogeny
 - c. Classification
 - d. Nomenclature


Head
Department of Microbiology
The H.N.S.B. Ltd. Science College
Himatnagar, Sabarkantha-383 001

