

ANNAI VIOLET ARTS AND SCIENCE COLLEGE
DEPARTMENT OF MICROBIOLOGY

Prepared by
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CONTINUOUS INTERNAL ASSESSMENT – I (ODD SEM.)
SUBJECT : ALLIED MICROBIOLOGY - I

Class : II Bsc., Biochemistry

Date : 05.09.2022-FN

Max.Marks : 50

Sub. Code : SN3AA

PART A ($5 \times 2 = 10$ Marks)

Answer any FIVE questions

1. Write short notes on Abiogenesis.
2. What is meant by Endospore.
3. Brief note on Simple Microscope.
4. Write a note on Mesosomes.
5. Difference between Pili and Fimbriae.
6. Describe the arrangement of bacterial Flagella.
7. Mention the uses of Staining of Microbes.

PART B – ($2 \times 5 = 10$ Marks)

Answer any TWO questions

8. Comment on Robert Koch Postulates.
9. Morphological Characteristics used in Classification of Microorganism.
10. Explain the steps and stains used in Acid fast staining with a neat diagram.

PART C – ($3 \times 10 = 30$ Marks)

Answer ALL questions

11. Describe the Instrumentation of Electron Microscope and its Types.
12. Give an outline Classification of Bacteria.
13. Explain about in detail of Whittaker's Five kingdom classification.