

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

**Class : II Bsc., Biochemistry**  
**Max.Marks : 50**

**Date : 05.09.2022-FN**  
**Sub. Code : SN3AA**

**PART A (5 × 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 × 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 × 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.