

School of Biological and Life sciences

**Bachelor of Science Honours in Biomedical Science
Summer Term Examination – July - August 2024**

**Duration : 180 Minutes
Max Marks : 100**

Sem III - C2UA301B- Introduction to Microbial World*General Instructions*

Answer to the specific question asked

Draw neat, labelled diagrams wherever necessary

Approved data hand books are allowed subject to verification by the Invigilator

- 1) Relate the Binomial Nomenclature of Systems with microbial classification. K1(2)
- 2) Compare the general characteristics of Paramecium and Plasmodium . K2(4)
- 3) Illustrate the general characteristics of Blue green algae with well labelled diagram. K2(6)
- 4) Outline the term immunity with suitable example K3(9)
- 5) Outline the characteristics of primary immunity K3(9)
- 6) Determine Antigen and antibody with suitable examples K5(10)
- 7) Classify the significant role of microorganisms in research field. K4(12)
- 8) Discuss the different component of cell wall structure of gram-negative bacteria. K5(15)
- 9) Discuss the general characteristics of fungi including habitat, distribution, nutritional requirements K5(15)
- 10) Elaborate the historical developments in the field of Mycology including significant contributions mycologists. K6(18)