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**School of Biological and Life sciences**

Bachelor of Science Honours in Biomedical Science

Mid Term Examination - Nov 2023

Duration : 90 Minutes

Max Marks : 50

**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) Show the different characteristics of virus in tabular representation. K2 (2)
- 2) Explain the role of algae in single cell production. K1 (3)
- 3) Apply the impact of pure culture techniques in the field of microbiology. K2 (4)
- 4) Illustrate the precise information about Mycorrhiza and what is the role of mycorrhiza in agriculture. K2 (6)
- 5) Assess the general characteristics of Acellular microorganisms with distribution and occurrence, morphology, mode of reproduction and economic importance. K3 (6)
- 6) Outline the difference between plant and animal virus. K3 (9)
- 7) Construct the general characters of T4 virus. K4 (8)
- 8) Classify the difference between viroid and Prions K4 (12)

**OR**

Classify the general characters of poliovirus and its infection cycle in humanbeing. K4 (12)