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School of Biological and Life sciences
Bachelor of Science in General Zoology Botany Chemistry
Mid Term Examination - May 2024

Duration : 90 Minutes
Max Marks : 50

Sem II - P1UG201B - Microbiology and Plant Pathology

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) Discuss the Principle and working of autoclave. K2 (2)
- 2) Explain the term symbiosis with suitable example. K1 (3)
- 3) List out the factor affecting growth of microbes. K2 (4)
- 4) Describe the general characteristics of virus. K2 (6)
- 5) Illustrate the working and Principle of different type of Fermentor in microbiology laboratory. K3 (6)
- 6) Discuss the ultra- structure of fungus with well labeled diagram. K3 (9)
- 7) Categorise the lytic cycle in detail K4 (8)

- 8) Discuss the haplontic life cycle in algae with suitable diagram. K4 (12)

OR

Discuss the Diplontic life cycle in algae. K4 (12)