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School of Agriculture
Bachelor of Science Honours in Agriculture
Mid Term Examination - May 2024

Duration : 90 Minutes
Max Marks : 50

Sem II - A1UA202B - Agricultural Microbiology

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) Compare the transduction and transformation process? K2 (2)
- 2) Show me the well labelled diagrammatic representation of bacterial cell? K1 (3)
- 3) Explain the plamid and its types? K2 (4)
- 4) Summarize the bacterial growth curve? K2 (6)
- 5) Built the bacterial cell structure with well labelled diagram and explain each structural components? K3 (6)
- 6) Construct the difference between gram positive and gram negative bacterial cell? K3 (9)
- 7) Dissect the biogeochemical cycle and explain P cycle? K4 (8)
- 8) Analyze the bacterial growth curve and explain its stages? K4 (12)

OR

Examine the methods of genetic recombination with diagram? K4 (12)