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School of Basic Sciences
Bachelor of Science Honours in Chemistry
Mid Term Examination - May 2024

Duration : 90 Minutes

Max Marks : 50

Sem IV - C1UB406T - Waste Management

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) Explain the primary goal of waste segregation at the source? K2 (2)
- 2) What does the term "landfill" refer to? K1 (3)
- 3) Explain the importance of landfill site selection? K2 (4)
- 4) Illustrate the anaerobic digestion help in waste management? K2 (6)
- 5) Illustrate the concept of landfill bioreactors? K3 (6)
- 6) Identify and how does vermicomposting differ from traditional composting methods? K3 (9)
- 7) Analyze advanced technologies improve solid waste processing? K4 (8)
- 8) Analyze, and compare and contrast the environmental impacts of different waste processing technologies? K4 (12)

OR

Analyze how can communities address the issue of electronic waste disposal? K4 (12)