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School of Engineering**B.TECH Civil Engineering
Mid Term Examination - Nov 2023****Duration : 90 Minutes
Max Marks : 50****Sem V - G1UA507T - Solid 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 role of federal agencies in solid waste management K2 (2)
- 2) How is solid waste typically stored and handled K1 (3)
- 3) Illustrate technological advancements influencing waste composition K2 (4)
- 4) Explain the importance of understanding the different transport means and methods used in waste management K2 (6)
- 5) Develop a solid waste management plan for a small community K3 (6)
- 6) Develop a waste collection route optimization plan for a city K3 (9)
- 7) Compare and contrast the different methods of solid waste management K4 (8)

- 8) Identify the challenges and opportunities for solid waste management in a specific region K4 (12)

OR

Propose solutions to the problem of solid waste management in a specific community K4 (12)