

Course Code: BWA-002
Title of the Course: Solid Wastes Collection and Transportation
Assignment Code: BWA-002/TMA/July/2026
Maximum Marks: 100

Note: All questions are compulsory. All questions carry equal marks.

1. What are various considerations to be made in the design of a waste collection system?
2. Write short notes on the different kinds of community waste storage systems.
3. Compare and contrast semi-compaction vehicles and compaction vehicles.
4. Write information that should be collected and updated regularly for planning of solid waste collection.
5. Why is it important to assess the feasibility for the waste processing and disposal at the time of waste collection planning and scheduling?
6. Explain about various components of Investment Costs for waste management plan?
7. What are the different types of revenues that can be incurred from waste management?
8. Explain various type of loaders used for transportation of solid waste.
9. What are the various strategies for route optimization?
10. A town having population of 134659 with solid waste generation rate of 450 gm/capita/day uses a landfill for managed total waste/day with total income and expenditure cost Rs. 4/kg of waste. Calculate the tipping fee rate.