

**Vignan's Foundation for Science Technology and Research**  
**Department of Civil Engineering**  
**Subject Name: SOLID WASTE MANAGEMENT, Reg: R22**  
**Programme Name: III B.Tech. I Semester - Civil Engineering**  
**Faculty: Dr.M.V.RAJU**

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**Module - II Question Bank**  
**PART - A**

1. Explore techniques for mechanical processing and material recovery systems in domestic community of municipal solid waste.
2. Identify the procedures that are required for Biological Conversion-Composting, Anaerobic Digestion in waste management.
3. Evaluate the current scenario and environmental challenges engineered systems for Energy recovery from MSW systems.
4. Explore into a solid waste management system that allows a community to land fill its municipal solid garbage.
5. Explore hazardous waste management to learn more about techniques to deal with waste that can no longer be used.
6. Trash explosion accidents and soil pollution near landfills are two effects of municipal solid waste management. Analyze several methods for processing and disposing of solid waste.
7. Analyze the various solid waste collection, handling, and related practices used in coastal beds of Andhra Pradesh.
8. Municipal solid waste management in Guntur Municipal Corporation /Vijayawada Municipal Corporation is currently a major issue with no effective solution. Environmental consequences from leachate from landfills will result from their drawbacks. Analyze various approaches for leachate processing and treatment.
9. Analyze every variable that had been taken into consideration during the SWM site selection research for developmental projects.
10. Explore a suitable and sustainable environmental friendly hazardous waste land filling mechanism for land filling of municipal solid wastes.