

**CERTIFICATE IN SOLID WASTE
TREATMENT TECHNIQUES
(CSWATT)**

Term-End Examination

December, 2025

BWA-04 : DISPOSAL OF WASTES

Time : 3 Hours

Maximum Marks : 70

Note : *Attempt any **seven** questions. All questions carry equal marks.*

1. Clarify the sanitary landfills on the basis of source of solid waste. 10
2. Describe the commonly used physical/chemical process for leachate treatment. 10
3. Explain, in detail, the key features of different types of monitoring of landfill gases. 10
4. Discuss the stages in settling processes in landfills. 10

5. Explain, in detail, capping and phased capping. 10
6. What are the basic principles of EIA process ? Explain in detail. 10
7. Describe the integrated solid waste management system in detail. 10
8. Describe the rights and responsibilities of employers and workers under the Occupational Safety and Health (OSH) Act. 10
9. Discuss the potential role of Robotics and Internet of Things (IoT) in Waste Management. 10

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