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BWA-004

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

Term-End Examination

June, 2025

BWA-004 : DISPOSAL OF WASTES

Time : 3 Hours

Maximum Marks : 70

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

1. Explain the significance of GIS in solid waste management.
2. Describe the factors that need to be considered in the design of landfills.
3. Explain, in detail, the different phases of bacterial decomposition of landfill wastes.
4. Describe the physical, chemical and biological characteristics of leachate.

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5. Discuss the procedure for closure of disposal facility.
6. What are the advantages and disadvantages of methods of environmental impact identification ?
7. Discuss the components of an Environmental Management Plan (EMP).
8. Describe the health impacts of waste exposure.
9. What are the drivers and inhibitors of the digital evolution of waste management ? Explain in detail.

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