

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

Term-End Examination

June, 2026

BWA-004 : DISPOSAL OF WASTE

Time : 3 Hours

Maximum Marks : 100

Note : (i) Attempt any **seven** questions.

(ii) All questions carry equal marks.

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| 1. Discuss the history of landfills. | 10 |
| 2. Differentiate between sanitary landfills and open dumping/landfills. | 10 |
| 3. What factors must be considered in the design of landfills ? Explain in detail. | 10 |
| 4. Discuss the phases of bacterial decomposition of landfill waste. | 10 |

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5. Describe the physical closure and its requirements for a waste disposal site. 10
6. Explain the characteristics of a EIA process and the key stages of EIA. 10
7. Explain the different drivers and inhibitors of waste management digitization. 10
8. What is the need of monitoring landfill gases ? Describe the various approaches used for sampling landfill gases. 10
9. Describe the general requirements for leachate collection. 10

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