

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

Term-End Examination

June, 2026

**BWA-003 : SOLID WASTE PROCESSING AND
TREATMENT TECHNIQUES**

Time : 3 Hours

Maximum Marks : 70

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

(ii) All questions carry equal marks.

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1. Describe the process of air separation of waste in detail. 10
 2. Explain the planning of a recycling programme. 10
 3. Describe the different types of waste compaction equipment. 10

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4. What are the benefits and drawbacks of composting ? Explain in detail. 10
5. Describe the steps of anaerobic digestion process. 10
6. Explain the working of Mechanical Biological Treatment (MBT) in detail. 10
7. What are the different steps in the process of incineration ? Explain in detail. 10
8. Discuss the advantages and disadvantages of gasification. 10
9. Describe the challenges inherent in biomedical waste management. 10
10. Identify the different types of waste generated from mines. Explain them in brief. 10

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