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BWA-001

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

Term-End Examination

December, 2025

**BWA-001 : SOLID WASTES AND
REGULATORY FRAMEWORK**

Time : 3 Hours

Maximum Marks : 70

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

(ii) Each question carries equal marks.

(iii) Supplement your answers with sketches wherever necessary.

1. What are the penalties for violation of any environmental protection act ? 10

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2. What are the physical properties of solid waste ? Explain in detail. 10
3. What are the effects of solid waste pollution on animals ? 10
4. What are hazardous wastes ? What are the factors that determine the types of hazardous wastes ? 10
5. Explain how the information of physical characteristics of solid waste is important in designing a waste management plan. 10
6. Explain in detail the Plastic Waste (Management and Handling) Rules, 2011. 10
7. Explain integrated waste management option in detail. 10
8. Explain the significance of chemical characterization and chemical composition of waste. 10
9. Write short notes on any *two* of the following : 5×2=10
 - (a) Load Count Analysis
 - (b) Bajaj Committee, 1994
 - (c) Field Capacity of Waste

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