

**CERTIFICATE IN SOLID WASTE  
MANAGEMENT (CSWATT)**

**Term-End Examination**

**June, 2025**

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

*Time : 3 Hours*

*Maximum Marks : 70*

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

(ii) All question carry equal marks.

(iii) Supplement your answers with sketches wherever needed.

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1. What are the salient features of Construction and Demolition Waste Management Rules ? What are the provisions for recycling as per these rules ?

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2. Explain the quartering method of sampling of solid waste. 10
3. In estimation of solid waste, explain (i) load count analysis, (ii) weight volume analysis and (iii) material flow analysis. 10
4. What are the effects of solid waste pollution on plants ? 10
5. Explain in detail the kind of wastes generated in a hospital. 10
6. (i) Explain the process of breeding of flies in waste. How does this knowledge help in designing waste storage facilities ? 5  
(ii) Explain biodegradability of waste. 5
7. Name *five* environment related regulations in India and explain any *two* in detail. 10
8. What do you understand by biomedical wastes ? Discuss different types of biomedical waste. 10
9. Write short notes on any *two* of the following :  
2×5=10
  - (a) Corrosivity
  - (b) e-Waste
  - (c) Calorific value

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