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BWA-001

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

Term-End Examination

June, 2023

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

Time : 3 Hours

Maximum Marks : 70

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

(ii) *All questions carry equal marks.*

1. Discuss the types of solid wastes on the basis of environmental impact with suitable example. 10
2. What is integrated solid waste management ? Explain its dimensions and features in detail. 10

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3. Differentiate between the following : 5+5=10
- (a) Hauled container system and stationary container system
 - (b) Least count analysis and waste volume analysis
4. (a) Discuss the various factors that cause variation in solid waste generation. 5
- (b) Explain the current status of India in E-waste. 5
5. What are the various methods of solid waste sampling ? Explain any *two* of them in detail. 10
6. Discuss the various physical properties of solid wastes. 10
7. Explain various biological characteristics of wastes. Also discuss its significance. 10
8. Explain the “Environment Protection Act, 1986” in detail. 10

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9. Write short notes on any *four* of the following : 2.5×4=10

- (a) Plastic waste (management and handling) rules
- (b) Treaties concerned with the waste management
- (c) NGT's penalty imposition
- (d) Ozone depleting substances regulation and control rules, 2000
- (e) Rule-268 of India Penal Code, 1860