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BWA–001

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

Term-End Examination

December, 2024

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

Time : 3 Hours

Maximum Marks : 70

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

(ii) All questions carry equal marks.

1. What do you understand by Biomedical Wastes ? Discuss different types of biomedical wastes, its generation and safe disposal management. 10
2. What do you understand by Hazardous Waste ? Explain the characteristics of hazardous waste in detail. 10
3. (a) Differentiate between the movable and fixed bin along with their requirement. 5

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- (b) Elaborate the random and stratified sampling method of solid waste. 5
4. Enlist and discuss different types of transfer stations based on its capacity. 10
5. Discuss in detail the municipal solid waste management by drawing its flow chart. 10
6. Explain integrated waste management options in detail. 10
7. Discuss judicial intervention on waste management. 10
8. Discuss various e-Waste Management Rules with the salient features. 10
9. Explain the significance of chemical characterization and chemical composition of waste. 10

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