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BWA–001

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

Term-End Examination

June, 2024

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

Time : 3 Hours

Maximum Marks : 70

***Note** : Attempt any **seven** questions. Each question carries equal marks.*

1. What is Waste ? Discuss different types of Solid Wastes detail. 10
2. What an organic and Non-organic waste ? Explain with example. 10
3. What do you understand by construction and demolition ?
 - (a) (C & D) Waste ? Explain in detail with examples. 5+5=10

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- (b) Discuss in detail the factors which must be considered during on-site handling of (MSW) Municipal Solid Waste.
4. Enlist the methods used to generate energy from the waste. Explain any *one* of them in detail. 10
5. Discuss the salient features of solid waste Management Rules, 2016. 10
6. Discuss in detail different options of Reuse of Municipal waste. 10
7. Discuss in detail various factors causing variation in solid waste generation. 10
8. (a) Explain the relation between quality of MSW and economic growth. 5+5=10
- (b) Discuss the various consequences of solid waste pollution.
9. Write short notes on any *two* of the following : 5+5=10
- (a) Load count analysis for estimation
- (b) Integrated solid waste management
- (c) Sampling of solid waste