

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

Term-End Examination

June, 2022

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

Time : 3 hours

Maximum Marks : 70

Note : *Attempt any **seven** questions in all. All questions carry equal marks.*

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1. How is solid waste classified ? Discuss industrial solid waste in detail. 10
 2. Give a vivid description of the collection method of solid waste. 10
 3. Explain the important dimensions in waste management as recognised by the Integrated Solid Waste Management (ISWM) approach. 10

4. Discuss in detail the factors of geographic location and collection frequency that cause variation of solid waste generation. 10
5. Describe the statistical data based method for the estimation of solid waste. 10
6. Explain in detail the effects of solid waste pollution on humans, animals and plants. 10
7. Elaborate the random and stratified sampling method of solid waste. 10
8. Enlist and elaborate the areas of interest in the proximate analysis of waste. 10
9. Write short notes on the following : $4 \times 2 \frac{1}{2} = 10$
- (a) Ultimate Analysis of Waste
 - (b) Natural Fibres
 - (c) The Air Prevention and Control of Pollution Act, 1981
 - (d) Batteries Management and Handling Rules
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