

No. of Printed Pages : 2

BWA-004

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

Term-End Examination

December, 2023

BWA-004 : DISPOSAL OF WASTES

Time : 3 Hours

Maximum Marks : 70

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

(ii) All questions carry equal marks.

1. Describe the environmental impact of solid waste disposal on land. 10
2. Explain the settling processes in handfill in detail. 10
3. Explain the typical processes on Leachate treatment. 10
4. Discuss the monitoring of solid waste management by MIS system. 10

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[2]

5. (a) What types of risks are associated with indiscriminate dumping of solid wastes ? 5
- (b) Explain the importance of occupational health and safety. 5
6. Enlist various digital technologies being used in waste management. Explain any *two* of them in brief. 10
7. Explain the basic principles and ideal process of Environmental Impact Assessment (EIA). 10
8. Discuss solid waste management process in Indian Scenario. 10
9. Write short notes on any *two* of the following : 5 each
- (a) Environment Management Plan
- (b) Workplace Injury Management
- (c) Incineration