

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

Term-End Examination

June, 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 main components of a modern landfills. 10
2. Distinguish between the following : 5+5=10
 - (a) Sanitary landfills and open dumping
 - (b) Trench method and canyon method
3. Identify the various designing criteria for landfills. 10
4. Explain the various phases of bacterial decomposition of landfill waste. 10
5. (a) What are the objectives of capping ?
5+5=10

P. T. O.

[2]

- (b) Describe the various factors that hinder waste management digitalization.
6. Explain the different phases in occupational health and safety management systems. 10
7. Explain project identification stage in Environmental Impact Assessment (EIA) in detail. 10
8. What is the purpose of Environmental Management Plan ? Also, explain the monitoring of solid waste management by MIS system. 10
9. Write short notes on any *two* of the following :
- 5+5=10
- (a) Duties of Central Pollution Control Board
- (b) Application of digital technologies in waste management
- (c) Workplace Injury Management