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**BWA-002**

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

**Term-End Examination**

**June, 2022**

**BWA-002 : SOLID WASTES COLLECTION AND  
TRANSPORTATION**

*Time : 3 Hours*

*Maximum Marks : 70*

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

(ii) *All questions carry equal marks.*

(iii) *Use of calculator is allowed.*

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1. What are the various considerations to be made in the design of a waste collection system ?  
Explain. 10
2. Write a note on the different kinds of community waste storage system. 10

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3. Discuss the various small waste collection vehicles used in the context of developing countries. 10
4. Outline the basic steps used in Heuristics based Clarke-Wright approach of vehicle routing for waste collection and transportation. 10
5. Enumerate and discuss the various types of cost involved in waste management. 10
6. How will you determine the user charges and tariffs for proper execution of waste management ? Explain. 10
7. What do you understand by fixed compactor transfer station ? Describe briefly. 10
8. Explain the process report and follow-up. 10
9. Write a note on maintenance of waste storage depots or containers. 10