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CERTIFICATE IN SOLID WASTES TREATMENT TECHNIQUES (CSWATT)

Term-End Examination June, 2022

BWA-004: DISPOSAL OF WASTES

Time: 3 Hours Maximum Marks: 70

Note: (i) Attempt any ten questions. All questions carry equal marks.

(ii) Calculator is allowed.

- 1. Write the advantages and disadvantages of solid waste landfill.
- Discuss about line layers to facilitate the decomposition of the solid waste as well trap toxic gases.
- 3. Explain commonly used physical and chemical processes for leachate treatment.

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5. Discuss the conditions affecting landfill gas production.

of the compacted waste to be 490 kg/m³.

- 6. Write general requirements for a leachate collection system.
- 7. Explain the requirement of safe closure of landfill site.
- 8. Enlist environmental components. Explain anytwo environmental components briefly.
- 9. Write a note on Initial Environmental Evaluation (IEE).
- 10. Explain the benefit of conducting EIA. 7

11.	What	is	the	scope	of	Environmen	tal
	Manage	emen	t Plan	(EMP) ?	? Whi	ch activities a	are
	included	d in E	EMP?				7

- 12. How does landfilling affect human health?Explain briefly.
- 13. List the features and benefits for waste management while using bin sensors.
- 14. How can you reduce the health risks during waste management?
- 15. What are the various rights that an employee has under the Occupational Safety, Health and Working Conditions Code, 2020?