

No. of Printed Pages : 3

BHME–105

**CERTIFICATE IN HEALTH CARE
WASTE MANAGEMENT
(CHCWM)**

Term-End Examination

June, 2026

**BHME-105 : SPECIAL CONSIDERATIONS OF
WASTE MANAGEMENT**

Time : 3 Hours

Maximum Marks : 70

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

(ii) All questions carry equal marks.

(iii) Answer each question in **600-800**
words.

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1. Describe the types of wastes generated from
‘AYUSH’ Hospitals, the waste categories,
treatment and disposal options. 10

2. Write short notes on : 5+5
- (a) Recycling and resource recovery of medical plastics in India.
 - (b) Kaiser Permanente Healthcare System and Waste-reduction.
3. (a) Discuss why hospitals should have robust waste-segregation policies, with special reference to cost vs. benefits.
- (b) Explain United Nation's Sustainable Procurement Initiative. 5+5
4. Write short notes on : 4+3+3
- (i) Electronic waste.
 - (ii) Disposal of X-ray fixer and developer solutions.
 - (iii) Management of Ebola associated healthcare waste.
5. Describe the following : 4+4+2
- (i) Water usage in hospitals.
 - (ii) Steps for water-conservation.
 - (iii) Benefits of efficient water management in hospitals.

6. Describe the measures that can be taken by large hospitals to improve their energy savings and to conserve resources, giving suitable examples. 10
7. (a) Describe various types of wastes generated in Mortuaries and respective methods of their treatment and disposal. 5+3+2
- (b) (i) List various wastes generated in a blood-bank.
- (ii) Describe the standard procedure for treatment and disposal of blood-bags.
8. Write short notes on the following : 5+5
- (i) Expanded Producer Responsibility (EPR) and the principles behind it.
- (ii) Sustainable Procurement in Health-Sector.

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