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BHME-101

**CERTIFICATE IN HEALTHCARE
WASTE MANAGEMENT
(CHCWM)**

Term-End Examination

June, 2026

**BHME-101 : INTERRELATIONSHIP BETWEEN
ENVIRONMENT AND HEALTH**

Time : 3 Hours

Maximum Marks : 70

Note : Attempt any **seven** questions. Answer
within **600-800** words each. All questions
carry equal marks.

1. What are the dimensions of health ?

Discuss the dynamics of development of
disease.

4+6

2. Define health and explain its concepts. 5+5
3. Which multiple factors are implicated in the development of disease ? 10
4. What are environmental factors affecting human health ? Explain Positive and Negative Environmental factors. 10
5. What are sources of Healthcare waste ? Discuss Sharp waste management. 10
6. List potential microorganisms that can be found in health care settings along with their routes of transmission. 10
7. What are health effects of different waste treatment technologies ? 10
8. Enumerate the sources of Mercury in Healthcare waste. Discuss its effect on human health. 5+5

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9. What are common disinfectants used in health care ? What preventive measures can be taken for exposure to disinfectants ? 5+5
10. Discuss effects of genotoxic waste on human health. Describe mechanism in which it can enter the human body ? 10

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