

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

Term-End Examination

February, 2021

**BHM-102 : HEALTH CARE WASTE MANAGEMENT :
CONCEPT, TECHNOLOGIES AND TRAINING**

Time : 3 hours

Maximum Marks : 70

Note : *All parts are **compulsory**, Part A : Attempt any **two** questions. Each question carries **10** marks. Part B : Attempt any **five** questions. Each question carries **6** marks. Part C : Attempt any **four** questions. Each question carries **5** marks.*

PART A

*Attempt any **two** questions in about 600 – 800 words.*

2×10=20

1. Discuss the core principles of infection prevention and control. Discuss the role of hand hygiene as a standard precaution.
2. Enumerate the non-incineration technologies for management of BMW. Explain the principle and working of a microwave.
3. Enumerate major highlight of Minamata Convention. Describe the scenario of mercury use in the Indian Health Sector and the problems regarding its phase out.

PART B

*Write notes on any **five** of the following in 400 – 500 words each.* *5×6=30*

- 4.** Role of In-charge of Maintenance Department
- 5.** Strategies for management of spills of contaminated blood and body fluids
- 6.** Wet and dry thermal disinfection technologies
- 7.** Steps for establishing and use of CBMWTF
- 8.** Harmful effects of incineration
- 9.** Role of efficiency test – Microbial inactivation

PART C

*Write short notes on any **four** of the following in 300 – 400 words each.* *4×5=20*

- 10.** Hospital Infection Control Committee
 - 11.** Environment cleaning
 - 12.** Encapsulation of solid pharmaceutical waste
 - 13.** Advantages and disadvantages of treatment and disposal of hospital wastewater / liquid effluent
 - 14.** Critical elements of learning
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