

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

Term-End Examination

00586

December, 2018

**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 300 – 400 words each.

1. Discuss the core principles of management of sharps. Describe the strategies for prevention and management of injuries from sharps. 5+5

2. Enumerate the different categories of thermal processes. Describe the wastes that can be treated and the wastes that cannot be treated by a microwave. Explain the advantages and disadvantages of microwave technology for treatment of bio-medical waste. 2+4+4

3. Define occupational safety. Describe the strategies for presenting the risks to health care workers and staff. 10

PART B

Write short notes on any five of the following. Each carries 6 marks.

5×6=30

4. Health care waste requiring pretreatment as per BMW Rules 2016, as amended
5. Evolution of Minamata Convention and its basic objectives
6. Waste Management Committee
7. Hazards of wastewater from health care facilities
8. Method of teaching
9. Formulating a training plan for training waste handlers

PART C

*Write short notes on any **four** of the following in about 100 – 150 words each :* *4×5=20*

- 10. Criteria for Development of CBMWTF**
 - 11. Plasma Pyrolysis or Gasification**
 - 12. Encapsulation of Pharmaceutical Waste**
 - 13. Dry Heat Sterilization Technology**
 - 14. Critical Element of Learning**
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