

No. of Printed Pages : 3

BHM-101

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

Term-End Examination

June, 2024

**BHM-101: FUNDAMENTALS :
ENVIRONMENTAL AND HEALTH CARE
WASTE MANAGEMENT REGULATION**

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 all **four** questions. Each question carries 5 marks.

PART-A

Attempt any two of the questions in about 600-800 words each : $2 \times 10 = 20$

P.T.O.

[2]

BHM-101

1. Define Environment and Environmental Issues. Enumerate in detail the various important global environmental issues being faced. 10
2. Explain and list the biogeochemical cycles. Describe in detail nitrogen and sulphur cycle along with appropriate diagrams. 10
3. Explain the steps of segregation, storage, and transportation of health care waste as per Biomedical Waste Management (BMWM) Rules, 2016 and amendments made thereof. 10

PART-B

Describe any five of the following in about 400-500 words each : $5 \times 6 = 30$

4. List and explain the types, sources, effects and control measures of Air Pollution.
5. Explain the types, sources effects and Management of solid waste pollution.
6. Enumerate the sources of lead and ZTS impact on environment and health.

[3]

BHM-101

7. Enumerate the duties of occupier as per BMWM rules, 2016 and amendments made thereof.
8. Enumerate and briefly explain the regulatory authorities in India for laying out legislations, monitoring or regulating and enforcing BMWM rules, 2016 and amendments made thereof.
9. Describe the parameters of the checklist for verification of compliance to the provisions of BMWM rules, 2016 and amendments made thereof by the health care facilities.

PART-C

Write short notes on the following in about 300-400 words each : $4 \times 5 = 20$

10. Briefly describe the treatment and disposal of waste sharps as per BMWM rules, 2016 and amendments made thereof.
11. Cytotoxic waste.
12. Health risk from infectious health care waste.
13. Describe the various waste treatment technologies.
