

**CERTIFICATE IN HEALTH CARE
WASTE MANAGEMENT**

Term-End Examination

June, 2010

00233

**BHM-001 : FUNDAMENTALS :
ENVIRONMENT AND HEALTH CARE
WASTE MANAGEMENT REGULATION**

Time : 3 hours

Maximum Marks : 70

Note : All Parts are compulsory.

PART - A

Answer *any two* of the following questions in
300-400 words each :

1. Describe components of Ecosystem. Elaborate the production and consumption pattern of ecosystem. **5+5=10**

2. What are the major sources of Health Care waste ? What are the types of Health Care waste ? Discuss the steps involved in segregation and collection of waste. **2+4+4=10**

3. What are the chronic effects of gaseous pollutants generated in the health care facilities ? What are the effects of Dioxins and furans, on human health and environment, generated from incineration ? **4+6=10**

PART - B

Answer the short notes on *any five* of the following in **120-200** words : **5x6=30**

- (a) Sources and Hazards of radiological pollutants in Hospitals.
- (b) Nosocomial infection
- (c) Pharmaceutical waste management
- (d) Key objectives of Basel convention
- (e) Current Health Care Waste Management Practices in Sri Lanka.
- (f) Waste from Dental clinics

PART - C

Write short notes on *any four* of the following in
100-150 words : 4x5=20

- (a) Biodegradable and non-biodegradable waste.
 - (b) Microwave Irradiation,
 - (c) Centralised Bio-medical waste management facility in Delhi.
 - (d) Qualitative method of waste survey in any health care institution.
 - (e) Impact of Health care waste on Rag Pickers.
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