

**CERTIFICATE IN HEALTH CARE  
WASTE MANAGEMENT**

**Term-End Examination**

**June, 2006**

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

*Time : 2 hours*

*Maximum Marks : 50*

**Note :** Both parts are **compulsory**.

**PART A**

Answer any **two** of the following questions in  
300 – 400 words each.

1. List the different stake-holders in health care waste management in India. Describe their roles.  $3+7=10$
2. Describe occupational hazards due to health care waste and safety precautions to be taken while handling these wastes.  $5+5=10$
3. Describe the waste management system from the point of generation, collection, transport, storage and final disposal for various types of waste generated in the hospital.

$$2\frac{1}{2} + 2\frac{1}{2} + 2\frac{1}{2} + 2\frac{1}{2} = 10$$

## PART B

4. Write short notes on any **six** of the following in 100 – 150 words each :

5×6=30

- (i) Risk to environment due to health care waste
- (ii) Sharps management
- (iii) Suggested tips for handling mercury safely
- (iv) Categories of health care waste
- (v) Sources of water pollution
- (vi) Importance of disinfection and shredding
- (vii) Waste management in dental clinics

**CERTIFICATE IN HEALTH CARE  
WASTE MANAGEMENT****Term-End Examination****June, 2006****BHM-002 : HEALTH CARE WASTE  
MANAGEMENT : CONCEPTS,  
TECHNOLOGIES AND TRAINING***Time : 3 hours**Maximum Marks : 75*

**Note :** *All parts are **compulsory**. They have to be sent attached together.*

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**PART A**

*Answer any **two** of the following questions in 300 – 400 words each.*

- 1.** What is the function of a health care waste management committee ? Who are the key members of the committee ? What are their roles ? 3+3+4
- 2.** Describe principles of disinfection. Name five disinfectants used in hospitals. 6+4
- 3.** Describe any one successful non burn immunization waste management case study. 10

## PART B

*Describe the following in brief. The answers should be limited to 120 – 200 words each. Answer any **five** questions.*

*7×5=35*

4. Role of international agencies in health care waste management.
5. Emerging waste treatment technologies.
6. Minimal waste water treatment system.
7. Patient safety.
8. Name any four non-burn technologies. Describe any one of them.
9. Describe single option versus multi-option approach.

### **PART C**

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

- 10.** Record keeping
- 11.** Autoclaving
- 12.** Hazards of incineration
- 13.** Deep burial
- 14.** Transportation vehicles for on-site waste management

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