

00504

**CERTIFICATE IN HEALTH CARE WASTE  
MANAGEMENT**

**Term-End Examination**

**December, 2010**

**BHM-002 : HEALTH CARE WASTE  
MANAGEMENT : CONCEPTS, TECHNOLOGIES  
AND TRAINING**

*Time : 3 hours*

*Maximum Marks : 70*

*Note : All parts are compulsory. All parts should be attached  
together.*

**PART-A**

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

1. Explain the general occupational risks due to health care waste management. List the occupational health and injury issues. Enumerate the environmental health and injury issues in health care waste management. 4+3+3=10
2. What is post exposure prophylaxis ? When is PEP required ? What are side effects of PEP drugs ? 3+4+3=10
3. Enumerate the types of health care wastes which may be treated by autoclave and describe the working of autoclave for treatment of injections wastes. List its advantages and disadvantages. 2+4+2+2=10

## PART-B

4. Describe *any five* of the following in brief. The answers should be limited to 120-250 words each : 5x6=30
- (a) Precautions while handling mercury spillage.
  - (b) Principles of incineration.
  - (c) Programme objectives and key strategies of model injection centre established by PATH.
  - (d) Waste Audit.
  - (e) Zero waste concept.
  - (f) Characteristics and limitations of Single Chamber Incinerators.

## PART-C

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

- (a) Advantages and disadvantages of hydroclave.
  - (b) Sustainable hospitals.
  - (c) Lagooning.
  - (d) Precautions while handling sharps.
  - (e) Accident reporting system.
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