

**CERTIFICATE IN HEALTH CARE WASTE  
MANAGEMENT**

**Term-End Examination**

**June, 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 is

300-400 words each :

**3+3+4=10**

1. Enumerate the sources of infection in a hospital.  
What are the principles of infection control ?  
What are the functions of infection control committee ?
2. Describe the on-site and off-site management of health care waste. **5+5=10**
3. Explain the treatment options for safe management of immunisation waste **5+5=10**
  - (a) at the point of generation.
  - (b) at point of final disposal.

## PART-B

4. Describe *any five* of the following in brief.  
The answers should be limited to **120-250** words  
each :

**5x6=30**

- (a) Hazards of open burning of waste
- (b) Disadvantages of plasma pyrolysis
- (c) World Alliance for patient safety
- (d) Importance of training for effective health care waste management
- (e) Disinfection by application of heat energy.
- (f) Role of house keeping in sound health care waste management.

### PART-C

5. Write short notes on *any four* of the following in  
100-150 words each : 4x5=20
- (a) Portable solar powered autoclave
  - (b) Use of gloves in infection control
  - (c) Sources of mercury in hospital
  - (d) Principles of adult learning
  - (e) Sanitary land fill.
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