

**CERTIFICATE IN HEALTH CARE  
WASTE MANAGEMENT**

**Term-End Examination**

**June, 2011**

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

*Time : 3 hours*

*Maximum Marks : 70*

*Note : All questions are compulsory.*

**PART - A**

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

1. What are the principles of safe handling of waste ? What is an occupational exposure ? The risk of transmission of HIV due to occupational exposures. **5+2+3=10**
  
2. Briefly describe the environmental legislation in India and the salient features of Bio - Medical Waste Management and Handling Rules of India. **3+7=10**
  
3. What are the different types of air pollutants ? List any 5 major air pollutants and the reason for their emission in the environment. **3+7=10**

## PART - B

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

**5x6=30**

4. Waste disposal Vs. Waste Management.
5. Management of chemical waste.
6. Current waste management practices in Indonesia.
7. Effect of Mercury on Environment and Health.
8. Principles of waste collection and segregation.
9. Describe the principles of waste minimization.

## PART - C

Write short notes on **any four** of the following in  
100 - 150 words.

4x5=20

10. Modes of spread of hospital acquired infections.
  11. Food Chain.
  12. Hydroclaving.
  13. Effect of dioxins on Human health
  14. Stockholm Convention on Persistent Organic Pollutants.
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