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**7755**

Register Number:

Name of the Candidate:

**P.G.DIPLOMA EXAMINATION, December 2014**

**(ENVIRONMENTAL MANAGEMENT)**

**130. SOLID WASTE AND HAZARDOUS WASTE MANAGEMENT**

Time: Three hours

Maximum: 100 marks

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*Answer ALL questions*

**UNIT-I**

1. Describe the various goals and objectives of solid waste management. (20)

(OR)

2. a) Describe in details about the generation of solid wastes. (10)  
b) Brief the methods of disposal of solid waste according to the quality of refuse. (10)

**UNIT-II**

3. Discuss briefly the various collection and transport methods adopted in solid waste management. (20)

(OR)

4. Discuss briefly the following: (20)  
a) Compaction and boiling garbage.  
b) Grinding of garbage.

**UNIT-III**

5. Discuss briefly about the site selection process of sanitary land fill method. (20)

(OR)

6. a) Briefly describe about the ground water pollution due to sanitary land fill. (10)  
b) Write short notes on  
i) Odour control  
ii) Fly control (10)

**UNIT-IV**

7. Discuss briefly the various composting methods adopted with neat sketches. (20)

(OR)

8. Briefly describe the disposal methodology of industrial solid waste. (20)

**UNIT-V**

9. Discuss briefly about the various sources and characteristics of hazardous wastes. (20)

(OR)

10. Briefly describe the handling, treatments and disposal methods of hazardous wastes. (20)

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