

Reg. No. : .....

**D 708**

**Q.P. Code : ID 07 PES 031**

(For the candidates admitted from 2007 onwards)

**M.Sc. DEGREE EXAMINATION, DECEMBER 2009.**

First Year

Environmental Science

**SOIL POLLUTION AND SOLID WASTE  
MANAGEMENT**

Time : Three hours

Maximum : 100 marks

Answer any FIVE questions. (5 × 20 =100)

All questions carry equal marks.

1. Explain the importance of macro and micronutrients in the soil.
2. Explain with examples how fertilizers and pesticides cause soil pollution.
3. Classify chemically hazardous wastes. Add a note on treatment for unsegregated wastes.
4. Give an account of vermicomposting and land fills.
5. How are industrial and hospital hazardous wastes are managed, segregated and recovered?

6. Explain the roles of incineration, pyrolysis and composting in municipal solid waste management.

7. Highlight the salient aspects of Hazardous waste (Management and Handling) Rules 1989.

8. State the Manufacture storage and Import of Hazardous chemicals rules 1989.