

Reg. No. :

D 1731

Q.P. Code : [D 07 PES 03]

(For the candidates admitted from 2007 onwards)

M.Sc. DEGREE EXAMINATION, DECEMBER 2010.

First Year

Environmental Science

**SOIL POLLUTION AND SOLID WASTE
MANAGEMENT**

Time : Three hours

Maximum : 100 marks

Answer any FIVE questions.

(5 × 20 = 100)

1. What are the types of soil nutrients in soil?
Comment on its uses for plants and microbes.
2. Describe about the heavy metal pollution and their ecological effects.
3. Write about the essay on chemical based classification of hazardous wastes and their segregation.
4. Write an account on MSW and write their quantities and characteristics.

5. Comment on vermi composting and sanitary land fill methods in solid waste disposal.

6. Explain the physical chemical and biological methods of hazardous waste management.

7. Narrate the rules are launched in India for the management and handling of Biomedical wastes on 1998.

8. What are the types of chemical fertilizers and insecticides contamination in the soil and write their impacts?