

AQ – 1034

Third Semester M. Sc. – II Examination

ENVIRONMENTAL SCIENCE

Paper – IX

Terrestrial Pollution

P. Pages : 3

Time : Three Hours]

[Max. Marks : 80

Note : (1) All questions are compulsory and carry equal marks.

(2) Draw labelled diagrams wherever necessary.

1. Explain in brief :—

- | | |
|--|---|
| (a) Agricultural solid waste. | 5 |
| (b) Hospital solid waste. | 5 |
| (c) Rubber and plastic as a solid waste. | 6 |

OR

- | | |
|---|---|
| (d) Textile and paper industry solid waste. | 5 |
| (e) Solid waste from petroleum refineries. | 5 |
| (f) Solid waste from ordinance factories. | 6 |

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2. Explain in brief :—

- (g) Solid waste storage devices. 5
- (h) Solid waste transportation equipments. 5
- (i) Physical properties of solid waste. 6

OR

- (j) Processing of solid waste for disposal. 5
- (k) Biological properties of solid waste. 5
- (l) Solid waste collection equipments. 6

3. Discuss about the effects of solid waste mining and transportation activities. Add a note on related occupational hazards.

OR

Describe the Possible effects of terrestrial pollution on air, water and agricultural land. 16

4. Describe with examples Environmental effects of food and chemical manufacturing industries.

OR

What are the solid waste generated from fertilizer industries ? Describe the associated environmental impacts. 16

5. Explain in brief :—

- (m) Sanitary landfill. 5
- (n) Incineration. 5
- (o) Concept of waste minimization technology. 6

OR

- (p) Ocean dumping. 5
- (q) Vermi composting. 5
- (r) Modern trends in solid waste management. 6

