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7. Write short note on the following ? (3×6=18)

(a) Landfill

(b) Benefits of Recycling

(c) Safe Use of Radioactive drugs

(500)

[This question paper contains 4 printed pages.]

Your Roll No.....

Sr. No. of Question Paper : 737

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Unique Paper Code : 6322473501

Name of the Paper : Bio Medical Waste
Management and Radiation
Safety (DSC-13)

Name of the Course : **B.Voc. (Healthcare
Management)**

Semester : V

Duration : 3 Hours

Maximum Marks : 90

Instructions for Candidates

1. Write your Roll No. on the top immediately on receipt of this question paper.
2. All questions carry equal marks.
3. Attempt **five** out of the **seven** questions.

P.T.O.

1. Discuss the role of healthcare workers in managing biomedical waste safely. What are the key responsibilities of medical staff, cleaning personnel and waste handlers in waste management? (9,9)
2. Analyze the presence of hazardous chemicals in biomedical waste such as disinfectants, heavy metals and cytotoxic drugs can lead to pollution. What steps can be taken to mitigate these risks? (9,9)
3. Explain the sources and types of liquid biomedical waste in healthcare facilities? Describe the different methods used for treating liquid biomedical waste? What are the advantages and disadvantages of each method? (3×6=18)

4. Briefly describe the following? (3×6=18)
 - (a) Drug Waste
 - (b) Chemical Burns
 - (c) Radioactive Waste Safe Disposal Guidelines
5. Define Biomedical Waste and discuss the different categories of waste generated in Healthcare facilities. How does each category impact human health and Environment? (9,9)
6. Why Radiation Safety training is important for healthcare professionals and other workers who may be exposed to radiation in their job? Discuss the Radiation Hazards in a Hospital? Describe process of monitoring & Reporting of radiation exposure level in workplace? (18)