

[This question paper contains 2 printed pages.]

Your Roll No.....

Sr. No. of Question Paper : 7804

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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.
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1. Explain the classification of Bio-medical waste with examples? Discuss the importance of segregation and the steps involved in the collection and transportation of bio-medical waste? (2×9=18)
  2. What is cross infection? Describe how cross infection can be monitored and controlled in hospitals? Discuss the role of protective devices in preventing hospital acquired infections. (3×6=18)

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3. Discuss the roles of CPCB and SPCB in regulating and enforcing biomedical waste management Rule 2016? Explain the significance of barcoding in this context? (12, 6 =18)
4. Briefly describe the following? (3×6=18)
- (a) Drug Waste
  - (b) Deep Burial
  - (c) Liquid biomedical waste
5. Explain the role of modern technology in ensuring safe and eco-friendly waste disposal? Discuss the preventive measures hospitals can adopt to minimize occupational health risks? (2×9=18)
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? (3×6=18 )
7. Write short note on the following? (3×6=18)
- (a) Landfill
  - (b) Chemical Bums
  - (c) Cytotoxic Drugs

(500)