



M.Sc. III Semester Degree Examination, April/May - 2024

BIOTECHNOLOGY

Biomedical Waste Management

(NEP)

Time : 1 Hour

Maximum Marks : 30

- Note :** 1. Answer **all** the Sections.
2. Draw neat diagrams wherever necessary.

SECTION - A

Answer **all** the following questions, each question carries **one** mark. **5x1=5**

1. (a) Cytotoxic hazard
(b) Waste management
(c) Safety devices
(d) Disinfectants
(e) Wet thermal method

SECTION - B

Answer **any five** of the following questions, each question carries **two** marks. **5x2=10**

2. Microbiology waste
3. Biohazards
4. Radioactive waste
5. Disposal pit and deep burial pit
6. Waste segregation
7. Hazards from chemical and pharmaceutical wastes
8. What type of container should be used for sharps ?



SECTION - C

Answer **any three** of the following questions. Each question carries **five** marks.

3x5=15

9. Explain the handling rules and methods followed in Biomedical waste management.
10. Enlist the various categories of biomedical wastes and brief on their treatment and disposal.
11. What are the categories of biomedical waste packaging and labeling requirements ?
12. Brief on management of biomedical wastes, *in site* and *off-site*.
13. Explain the conventional waste treatment technologies.

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