



RAN - 2203000206030074

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T.Y.B.Sc. Microbiology (Sem. VI) Examination September - 2023

Biosafety in Microbiology Laboratory (Paper -GE4)

Time: 2 Hours]

[Total Marks: 50

सूचना : / Instructions

(१)

नीचे दशावैल निशानीवाणी विगतो उत्तरवली पर अवश्य लपववी.
Fill up strictly the details of signs on your answer book

Name of the Examination:

T.Y.B.Sc. Microbiology (Sem. VI)

Name of the Subject :

Biosafety in Microbiology Laboratory (Paper -GE4)

Subject Code No.: **2203000206030074**

Seat No.:

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Student's Signature

- (2) Figures to the right indicate the full marks of the question.
(3) Draw a neat and labelled diagrams wherever necessary.

Set - I

Q. 1. Answer the following in short: (08)

1. Give differences between class I, II and III biological safety cabinets.
2. Define waste disposal. Point out the factors to be considered while disposing solid waste
3. Differentiate between hazardous and non-hazardous waste.
4. Mention few rules governing the disposal of medical wastes.

Q. 2. Explain in detail any 2 of the following: (14)

1. Discuss in detail the different types of bio-safety cabinets used for handling infectious waste.
2. How does the color coding help in medical waste management? Explain with examples.
3. Explain the importance of fire safety in laboratories.

Q. 3. Attempt the following: (Any two) (14)

1. Describe the various techniques of hazardous waste processing and methods of disposal.
2. Give an outline key stages of a risk assessment and identify issues that would need to be considered at each stage.
3. Explain the role and activities of Biosafety officer.

Q 4. Write short notes on any 2 of the following: (14)

1. Biohazards
 2. Disposal of biomedical waste
 3. Bio-safety training programme
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