

2103000206030046 / 2203000206030074
EXAMINATION FEBRUARY-MARCH 2024
BACHELOR OF SCIENCE (SIXTH SEMESTER)
MICROBIOLOGY
GE-4: BIOSAFETY IN MICROBIOLOGY LABORATORY-
LEVEL 3

[Time: As Per Schedule]

[Max. Marks: 50]

Instructions:

1. Fill up strictly the following details on your answer book

a. Name of the Examination : **BACHELOR OF SCIENCE (SIXTH SEMESTER)**

b. Name of the Subject : **MICROBIOLOGY GE-4:BIOSAFETY
IN MICROBIOLOGY LABORATORY-LEVEL 3**

Subject Code No : **2103000206030046 / 2203000206030074**

2. Sketch neat and labelled diagram wherever necessary.
3. Figures to the right indicate full marks of the question.
4. All questions are compulsory.

Seat No:

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Student's Signature

Q.1 Give specific answers:

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- a. What do you mean by the term "laboratory biosafety"?
- b. Draw the International Biohazard Symbol.
- c. What care should be taken while using UV light in BSC.
- d. Give full name of HEPA.
- e. Enlist four members of biosafety committee.
- f. Who can become a biosafety officer?
- g. How will you treat biomedical waste collected in red bag?
- h. Give any two examples of Non-hazardous waste.

Q.2 Explain/ Comment on any two of the following:

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- a. There are three elements of containment and four levels of biosafety.
- b. It is important to appoint biosafety officer and biosafety committee in microbiology laboratories.
- c. There is a need for segregation of biomedical waste in laboratories.

Q.3 Discuss any two of the following:

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- a. Write detailed note on safety in laboratory working environment.
- b. Training programs are essential for laboratory working personnels.
- c. Elaborate on laboratory waste disposal.

Q.4 Write detailed notes on any two of the following:

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- a. Fire safety in microbiology laboratory.
- b. Biological safety cabinet levels.
- c. Classification of laboratory biomedical waste.
