

2203000205030073
EXAMINATION FEBRUARY-MARCH 2024
BACHELOR OF SCIENCE (FIFTH SEMESTER)
MICROBIOLOGY
GE-02 HAZARDS AND PRECAUTIONS 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 (FIFTH SEMESTER)**
- b. Name of the Subject : **MICROBIOLOGY GE-02 HAZARDS AND PRECAUTIONS IN MICROBIOLOGY LABORATORY LEVEL 3**
- c. Subject Code No : **2203000205030073**

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 answer.

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- a. Define: Microbial hazard.
- b. What is decontamination?
- c. Write down any two safety checklist question for health and safety of staff.
- d. How to transport a specimen within the laboratory according to GMP?
- e. What is the emergency procedure for swallowing of an acid?
- f. What is the emergency procedure for broken containers and spilled infections substance in laboratory?
- g. Give Examples of explosive chemicals used in microbiological laboratory.
- h. Enlist two standard precautions to control infection.

Q.2 Justify/comment on: [Any two]

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- a. Comment: Flammable chemicals are stored away from heat generating devices/ equipment.
- b. Extra care should be taken with material may contain the prions.
- c. Justify “many factors contribute for occurrence of laboratory accidents”.

Q.3 Discuss in detail: [Any two]

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- a. Explain in detail about emergency procedures in microbiology laboratory.
- b. Discuss in detail: Types of chemical hazards.
- c. Explain about emergency resuscitation when a person stops breathing and heart not beating.

Q.4 Write short notes: [Any two]

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- a. Make brief note on safety precautions against infection.
- b. Write in short about safety measures.
- c. Discuss about safe handling of specimens in laboratory.
