



RAN - 2203000205030073

RAN-2203000205030073

T.Y.B.Sc. (Sem. V) Examination October - 2023

Microbiology

GE-2 Hazards and Precautions in Microbiology Laboratory

Time: 2 Hours]

[Total Marks: 50

सूचना : / Instructions

(१)

नीचे दशविवेक 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. (Sem. V)

Name of the Subject :

Microbiology GE-2 Hazards and Precautions in
Microbiology Laboratory

Subject Code No.: 2203000205030073

Seat No.:

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| Student's Signature |
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- (2) Figures to the right indicate the full marks of the question.
(3) Draw neat diagrams and labelled wherever necessary.

Q-1. Give Specific Answer.

(08)

- Define: Hazard.
- What is emergency treatment for small cuts in laboratory?
- What is contingency plan?
- Give Full form of ICAO, IATA.
- What are the recommended contents of laboratory first aid box?
- What is the use of safety checklist?
- Give Examples of Highly flammable chemicals.
- Enlist the factors contribute the occurrence of accidents.

Q-2. Justify/comment on: (Any Two)

(14)

- Justify "laboratory waste cannot be disposed directly".
- GMT is useful to prevent most common reported problems in laboratory.
- Justify "emergency first aid can be lifesaving in many situations".

Q-3. Discuss in detail: (Any Two) (14)

- a) Enlist the additional laboratory hazards and explain them in detail.
- b) Discuss in detail: major components of safety check lists.
- c) Explain in detail safety sign and symbols used in laboratory.

Q-4. Write short notes: (Any Two) (14)

- a) Make a brief note on use of centrifuges, homogenizers & shakers.
 - b) Explain in detail about the international transport regulations.
 - c) Write a short note on reporting of accidents in laboratory and biosafety program.
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