



RAN - 2203000205030073

RAN-2203000205030073

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

Microbiology : IDS

Hazards and Precaution in Microbiology Laboratory

Time: 2 Hours]

[Total Marks: 50

सूचना : / Instructions

(1)

नीचे दृश्यावलोकन निशानीवाणी विगतो उत्तरवही पर अवश्य लभवी.

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 : IDS Hazards and Precaution in Microbiology Laboratory

Subject Code No.: 2203000205030073

Seat No.:

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Student's Signature

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

Q. 1 Give specific answers:

12

1. Enlist the reasons for equipment hazards.
2. State 2 major cause of most accidents in laboratory.
3. Enlist any 4 general factors that contribute occurrence of accident.
4. What is Laboratory waste? How is it managed?
5. Enlist the emergency equipment availability in laboratory.
6. Draw symbols for
 - (a) Biological hazards
 - (b) Radiation hazards.

Q. 2 Explain/comment on any two of the following.

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1. Biosafety programme plays important role in laboratory.
2. Guidelines for a code of safe laboratory practice should be used in laboratories.
3. Clean up procedures are used for spill of infectious or potentially infectious material in laboratories.

Q. 3. Discuss any two of the following. 16

1. Explain in detail safety checklist for flammable liquid storage, compressed and liquefied gases and electric hazards.
2. Explain various precautions taken during handling of material containing prions.
3. Discuss immediate treatment for following in detail
 - (a) Cuts and Bleeding
 - (b) Poisoning

Q. 4. Write short notes on any two of the following. 10

1. Microbial hazards.
 2. International transport regulations.
 3. Equipments of First Aid.
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