



RAN-2203080601060007

M.Sc. Microbiology (Sem.-I) Examination November - 2025 Biosecurity and Biosafety In Public Health Laboratories (GE: 01)

Time: 2 Hours]

[Total Marks: 30

સૂચના : / Instructions

- (1) ઉપરોક્ત દર્શાવેલ વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the above details on your answer book
- (2) Figures to the right indicate full marks of the question.
- (3) Draw neat and labeled diagrams whenever necessary.

Seat No.:

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Student's Signature

- Q.1.** Describe different biosafety levels in detail. State risk assessment associated with it. **08**
- OR**
- Q.1.** Discuss work practices and procedures for use of Biosafety Cabinets. **08**
- Q.2.** Write a detail note on Specimen collection and Handling. **07**
- OR**
- Q.2.** What are the essential steps and considerations for effectively washing laboratory glassware to ensure cleanliness and prevent contamination during experiments and research? **07**
- Q.3.** Write short note on any three of the following: **15**
1. Classification of infective microorganisms by risk group
 2. Class II type B biosafety cabinet.
 3. Procedures and precautions for safely handling lyophilized biological materials in a laboratory setting.
 4. Decontamination of reusable articles.