



RAN-1172

T.Y. B. Sc. (Microbiology) (SEM-VI) Examination

March / April - 2019

GE - Biosafety

Time: 2 Hours]

[Total Marks: 50

સૂચના : / Instructions

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the details of signs on your answer book

Name of the Examination:

T.Y. B. Sc. (Microbiology) (SEM-VI)

Name of the Subject :

GE - Biosafety

Subject Code No.: 1 1 7 2

Seat No.:

--	--	--	--	--	--

Student's Signature

Instruction:

1. Figures to the right indicate full marks of the question.
2. Draw neat and labeled diagrams whenever necessary.

Q.1 Give specific answers.

(12)

- a. Name any four laboratory safety equipments used in laboratory
- b. Give two examples of infectious substances that packed for shipment
- c. Define: Contingency plan
- d. Enlist any two significances of Biosafety Officer
- e. State any two biosafety rules for supportive staff
- f. Define: (i) sterilization and (ii) Incineration

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

(12)

- a. Justify: Guideline actions for transport associated accidents are necessary
- b. Explain the significance of course content of training programmers for safety staff
- c. Justify: Various types of laboratory wastes should handled promptly

- Q3. Attempt in detail any two of the following. (16)**
- a. Discuss in detail about Biosafety committee and activities of Biosafety officers
 - b. Describe Biosafety levels for infectious agents recommended by CDC in detail
 - c. Define: Decontamination. Discuss how laboratory waste are decontaminated prior to disposal

- Q.4 Write short note on any two of the following. (10)**
- a. Containment and its features
 - b. Bio safety program
 - c. Packaging of Infectious materials
-