Instructions:

(1) Fill up strictly the details of signs on your answer book.

Name of the Examination:
Third Year B. Sc. (Microbiology) (Sem. VI)

Name of the Subject:
Biosafety (Generic Elective) (New)

(2) Figures to the right indicates full marks of the question.

(3) Draw neat and labelled diagram wherever necessary.

1 Give specific answers: 12

(a) State the importance of contingency plant with one example.

(b) State the importance of documentation for safe shipment of infectious material.

(c) State the significance of biosafety levels in laboratories.

(d) Define and enlist any two code of practice in basic laboratories.

(e) State four designing feature and facilities for Biosafety level-3 laboratory.

(f) Differentiate role of Biosafety Officer and Biosafety Committee.
2 Explain/comment on any two of the following:

(a) Risk of infection can be minimized by the use of safety equipments and safe practices.

(b) Safety rules are made for domestic and cleaning staff in the laboratory.

(c) Emergency services and equipments should be available during any type of emergency in the laboratory.

3 Attempt any two of the following:

(a) Write in detail on: Methods of sterilization in laboratory.

(b) Explain training program model-4 course content for safety staff.

(c) Discuss transport associated accident guideline.

4 Write short notes on any two of the following:

(a) Incineration

(b) Reporting accident

(c) Activities of biosafety officer.

(d) Biosafety programme.