AD-3238
Third Year B. Sc. (Sem. VI) (CBCS) Examination
March/April – 2015
Microbiology
(Paper - GE : Biosafety) (New Course)

Time : Hours] [Total Marks : 50

Instructions :

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

Name of the Examination :
THIRD YEAR B. SC. (SEM. 6) (CBCS)

Name of the Subject :
Microbiology (Paper - GE : Biosafety) (New Course)

Subject Code No. : 3 2 3 8 Section No. (1, 2,.....) Nil

(2) Figures to the right indicate full marks of the questions.

(3) Draw neat and labelled diagram where necessary.

1 Give specific answers :

(a) Write full form for GMT. State its importance.

(b) Enlist the pose problems in designing a Laboratory.

(c) State the operational procedures provided by contingency plans.

(d) State space and surface decontamination.

(e) What is HTAT ? Give its significance.

(f) Explain incineration ? State the material sterilized by it.

2 Explain any two the following :

(a) Explain code of practice necessary for Laboratory procedures for good microbiological technique.

(b) Explain the designed guidelines for safe shipment of specimen and infections materials.

(c) Periodic safety audit is carried out by Biosafety officer.
3 Attempt any two of the following:
(a) Write details on Types of waste and their decontamination.
(b) Discuss in detail steam sterilization, types of autoclave and precautions.
(c) Elaborate on basic course modules for support staff and safety staff.

4 Write short notes on any two of the following:
(a) Biosafety levels
(b) Dispatch of packages
(c) Biosafety committee.