



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)

<p>नीचे दर्शायेख निशानीवाणी विगतो उत्तरवडी पर अवश्य लपवी. Fillup strictly the details of signs on your answer book.</p> <p>Name of the Examination :</p> <p>THIRD YEAR B. SC. (SEM. 6) (CBCS)</p> <p>Name of the Subject :</p> <p>Microbiology (Paper - GE : Biosafety) (New Course)</p> <p>Subject Code No. : 3 2 3 8 Section No. (1, 2,.....): Nil</p>	<p>Seat No. :</p> <table border="1" style="width: 100%; height: 20px;"><tr><td style="width: 15%;"></td><td style="width: 15%;"></td><td style="width: 15%;"></td><td style="width: 15%;"></td><td style="width: 15%;"></td><td style="width: 15%;"></td></tr></table> <p style="text-align: center; margin-top: 20px;">Student's Signature</p>						

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

(3) Draw neat and labelled diagram where **necessary**.

1 Give specific answers : 12

- (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 : 12

- (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 : **16**
- (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 : **10**
- (a) Biosafety levels
 - (b) Dispatch of packages
 - (c) Biosafety committee.
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