



DRR-3238
Third Year B. Sc. (Microbiology)
(Sem. VI) Examination
March / April - 2016
Biosafety (Generic Elective) (New)

Time : 2 Hours]

[Total Marks : 50

Instructions :

(1)

<p>नीचे दृशावेक निशानीवाणी विगतो उत्तरवही पर अवश्य कभवी. Fillup strictly the details of signs on your answer book.</p> <p>Name of the Examination : Third Year B. Sc. (Microbiology) (Sem. VI)</p> <p>Name of the Subject : Biosafety (Generic Elective) (New)</p> <p>Subject Code No. : <input type="text" value="3"/> <input type="text" value="2"/> <input type="text" value="3"/> <input type="text" value="8"/> Section No. (1, 2,.....) : <input type="text" value="NIL"/></p>	<p>Seat No. : <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/></p> <p style="text-align: center;">Student's Signature</p>
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- (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 : **12**
- (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 : **16**
- (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 : **10**
- (a) Incineration
 - (b) Reporting accident
 - (c) Activities of biosafety officer.
 - (d) Biosafety programme.
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