



**AB-3141**

**Third Year B. Sc. (Sem. V) Examination**

**March/April – 2015**

**Microbiology**

*(GE : Microbiology Laboratory Hazards & Precautions)*

Time : 2 Hours]

[Total Marks : 50

**Instructions :**

(1)

नीचे दर्शावेक निशानीवाणी विगतो उत्तरवही पर अवश्य लपनी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
<input type="text" value="Third Year B. Sc. (Sem. V)"/>	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input type="text" value="Microbiology (GE : Microbio. Labora. Hazards &amp; Precau.)"/>	<input type="text"/>
Subject Code No. : <input type="text" value="3"/> <input type="text" value="1"/> <input type="text" value="4"/> <input type="text" value="1"/>	<input type="text"/>
Section No. (1, 2,.....) : <input type="text" value="Nil"/>	
Student's Signature	

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

1 Give specific answers : 12

- (1) State two safe techniques used for avoiding the dispersal of infectious materials
- (2) Define toxic chemical with example.
- (3) What is biological safety cabinet ? State its classes.
- (4) State four causes of electrical hazards in the laboratory.
- (5) Define containment and state its importance in the laboratory.
- (6) State causes for cuts and pricks in the laboratory.

2 Explain / Comment on any **two** of the following : 12

- (1) Various safe techniques are used in relation to pipettes, pipetting aids and opening of lyophilized ampules.
- (2) Many common hazards arise in microbiology laboratory.
- (3) Carcinogenic chemicals require specific technique for handling, storage and use.

- 3** Attempt any **two** of the following : **16**
- (1) Various equipments are designed to eliminate infections causing hazards.
  - (2) Explain safety precautions against infection.
  - (3) Discuss various dangerous chemicals used in laboratory.
- 4** Write short notes on any **two** of the following : **10**
- (1) Hazard warning symbols
  - (2) Fire fighting equipments
  - (3) Precautions for handling of blood and body fluids.
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