



AC-2952

**First Year B. Sc. (Medical Technology) (Sem. II)
Examination**

March/April – 2015

MT - 03 : Laboratory Organization & Techniques

Time : 2 Hours]

(New Course)

[Total Marks : 50

Instruction :

नीचे दृशावेक निशानीवाणी विगतो उत्तरवडी पर अवश्य लपवी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
<input type="text" value="FIRST YEAR B. SC. (MEDICAL TECHNOLOGY) (SEM. II)"/>	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input type="text" value="MT - 03 : Laboratory Organization & Techniques (New)"/>	<input type="text"/>
Subject Code No. : <input type="text" value="2"/> <input type="text" value="9"/> <input type="text" value="5"/> <input type="text" value="2"/>	<input type="text"/>
Section No. (1, 2,.....) : <input type="text" value="Nil"/>	
Student's Signature	

- 1 Answer the following : 8
 - (1) Why do we need to control the growth of microorganisms?
 - (2) List the high temperature techniques of destroying microorganisms.
 - (3) Give name of safety equipments in the laboratory.
 - (4) Give types of chemical hazards in clinical laboratory.

- 2 Answer the following : (any two) 14
 - (1) Work load analysis in clinical laboratory.
 - (2) List types of Laboratory hazards and Describe physical hazards.
 - (3) What general guidelines should followed in collecting and handling clinical specimen.

- 3 Answer the following : (any two) 14
 - (1) Give brief on Autoclave.
 - (2) List physical agents used for sterilization and Describe radiation.
 - (3) List important chemical agents used for sterilization and Describe Phenols.

- 4 Answer the following : (any two) 14
 - (1) Laboratory ethics.
 - (2) Evaluation of effectiveness of antimicrobial agents.
 - (3) Emergency first Aid.