AC-2952
First Year B. Sc. (Medical Technology) (Sem. II)
Examination
March/April – 2015
MT - 03 : Laboratory Organization & Techniques
(New Course)
[Total Marks : 50]

Instruction:
Fill up strictly the details of signs on your answer book.

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