



DPP-2952

First Year B. Sc. (Medical Technology)

(Sem. II) Examination

March / April - 2016

MT-03 : Laboratory Organization & Techniques

Time : 2 Hours]

[Total Marks : 50

Instructions :

(1)

नीचे दृशावेक निशानीवाणी विगतो उत्तरवही पर अवश्य कभवी.
Fillup strictly the details of signs on your answer book.

Name of the Examination :
FIRST YEAR B. Sc. (MEDICAL TECHNOLOGY) (SEM. 2)

Name of the Subject :
MT-03 : LABORATORY ORGANIZATION & TECHNIQUES

Subject Code No. : **2 9 5 2** Section No. (1, 2,.....) : **NIL**

Seat No. :

Student's Signature

- (2) Answer all the questions.
(3) Draw neat and labelled diagrams wherever necessary.
(4) Figures to the right indicate full marks of the question.

1 Answer the following : 8

- (a) Differentiates between sterilization and disinfection.
(b) How do ionizing radiations kill microbes ?
(c) Enlist materials in first aid box.
(d) List various ways to use moist heat for sterilization.

2 Write in details on any two of the following : 14

- (a) Phenol – coefficient technique.
(b) Give brief explanation about various functional components of Clinical Laboratory.
(c) Medico-legal aspects of clinical practice.

- 3** Answer on any two of the following : **14**
- (a) Hot Air Oven
 - (b) Biosafety levels for infectious agents.
 - (c) Code of Ethics for lab technician.
- 4** Write on any two of the following : **14**
- (a) Give characteristics of ideal antimicrobial chemical agents.
 - (b) List important chemical agents used for sterilization and describe Aldehyde.
 - (c) Physical aspects of laboratory set up.
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