

APRIL 1994

507

B.Sc., (MEDICAL LABORATORY TECHNOLOGY)

FIRST YEAR

Paper III General Methodology

Time: Three hours

Max.marks: 100

Answer ALL Questions.

1.
 - a. Define sterilization.
 - b. How will you sterilize an operation theatre.

(25)
2. How will you handle infective material. What are the precaution to be taken while handling them.

(25)
3. Write short notes on:
 - a. First Aid
 - b. Quality control
 - c. Medicolegal aspects of record keeping
 - d. Types of pipettes
 - e. Routine stains used in the Laboratory.

(5 x 10 = 50)

APRIL 1995

SB 788

B.Sc., (MEDICAL LABORATORY TECHNOLOGY)

FIRST YEAR

Paper III GENERAL METHODOLOGY

Time: Three hours Max. Marks : 100

Answer ALL Questions.

1. Describe the structure of Bacteria and write a note on its nutritional requirement. (25)
 2. Mention the various types of water and their properties and uses. (25)
 3. Write short notes on: (5 x 10 = 50)
 - (a) Importance of Labelling the specimens.
 - (b) Disinfections
 - (c) Anti-coagulants
 - (d) cleaning of glass-wares
 - (e) Venupuncture and collection of blood samples
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APRIL 1996

[AK 873]

**B.Sc. (MEDICAL LABORATORY TECHNOLOGY)
DEGREE EXAMINATION.**

First Year

Paper III — GENERAL METHODOLOGY

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Classify the bacteriae found in water and write briefly about bacteriological examination of water. (25)

 2. Give a brief account of various precautions taken during handling of infective material. Mention various methods of disposal of infective material. (25)

 3. Write short notes on : (5 × 10 = 50)
 - (a) Collection of blood specimen.
 - (b) Gaseous methods of sterilization.
 - (c) Common laboratory accidents and their prevention.
 - (d) Routine stains used in the laboratory.
 - (e) Types of media.
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OCTOBER 1996

(PK 873)

B.Sc. (MEDICAL LABORATORY TECHNOLOGY)
DEGREE EXAMINATION

FIRST YEAR

PAPER III - GENERAL METHODOLOGY

Time: Three hours

Max: 100 marks

Answer ALL Questions

1. Classify sterilization and give a brief account of chemical methods of sterilization. (25)
2. Give a brief account of various methods of collection and transport of bacteriological specimens. Give a note about importance of labelling the specimen. (25)
3. Write short notes on: (5x10=50)
 - a) Bacterial growth.
 - b) Quality control in clinical laboratory.
 - c) Types of pipettes and their use in laboratory.
 - d) Safety measures in the laboratory.
 - e) Composition of blood.

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APRIL 1997

(MP 873)

B.Sc. (MEDICAL LABORATORY TECHNOLOGY)
DEGREE EXAMINATION

First year

Paper-III GENERAL METHODOLOGY

Time: Three Hours

Max: 100 marks

Answer ALL Questions

1. What are the safety measures to be observed in a laboratory. Mention the common laboratory accidents and discuss their prevention. (25)
2. What are the methods of sterilization. Describe the physical methods of sterilization. Write about the sterilization of glass ware in detail. (25)
3. Write short notes on: (5x5=25)
 - a) Recording procedure in the laboratory.
 - b) Ethics of laboratory practice
 - c) collection of Blood specimens
 - d) Gram's stain.
 - e) Normal microbial flora.

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APRIL 1998

(SV 873)

B.Sc. (MEDICAL LABORATORY TECHNOLOGY)
DEGREE EXAMINATION

First Year

Paper-III GENERAL METHODOLOGY

Time: Three Hours

Max: 100 Marks

Answer ALL Questions

1. What are the Basic rules for working in Diagnostic Microbiology Laboratory. And write on what are the procedures adopted in collection and Handling of specimen in Clinical Microbiology Laboratory. (25)
2. Write on structure of Bacteria. What are the Normal Bacterial Flora found in the sites of our body. (25)
3. Write short notes on: (5x10=50)
 - a) Sterilization by moist heat above 100°C
 - b) Preparation of Indicator solution.
 - c) Cleaning of Glasswares.
 - d) Blood Collection Procedure
 - e) Preserving Laboratory Cultures.



APRIL 1999

[SG 873]

Sub. Code : 5003

**B.Sc. (Medical Laboratory Technology) DEGREE
EXAMINATION.**

First Year

Paper III — GENERAL METHODOLOGY

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Define sterilisation and write briefly about chemical methods of sterilisation. (25)
 2. Describe the sources and spread of bacterial infection and apply this in prevention of infection in an individual. (25)
 3. Write short notes on : (5 × 10)
 - (a) Importance of labelling specimens
 - (b) Quality control in clinical laboratory
 - (c) Staining of blood smear
 - (d) First aid
 - (e) Incubator.
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APRIL 2000

[KB 873]

Sub. Code : 5003

**B.Sc. (MEDICAL LABORATORY TECHNOLOGY)
DEGREE EXAMINATION.**

First Year

Paper III — GENERAL METHODOLOGY

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Describe the precautions adopted in handling of infected material. Write briefly methods of disposal of infected material. (25)
 2. Describe the structure of bacteria. Write briefly about the cell wall. (25)
 3. Write short notes on : (5 × 10 = 50)
 - (a) Common lab accidents and their prevention
 - (b) Bacterial growth
 - (c) Grams staining
 - (d) Collection of Blood specimen
 - (e) Normal Bacterial flora.
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