

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[AHS 1122]

NOVEMBER 2022

Sub. Code: 5003

B.Sc. MEDICAL LABORATORY TECHNOLOGY

FIRST YEAR (Regulation 2010-2011)

PAPER III – GENERAL METHODOLOGY

Q. P. Code: 725003

Time: Three hours

Maximum : 100 Marks

Answer ALL Questions

I. Elaborate on:

(3 x 10 = 30)

1. Write about Laboratory accidents, prevention and first aid.
2. Give a detail account on culture media and its types.
3. Explain Moist Heat Sterilization.

II. Write notes on:

(8 x 5 = 40)

1. Describe the cell wall of bacteria.
2. Types of flagella with examples.
3. Nutritional requirements of bacteria.
4. Collection of blood by venipuncture.
5. Gram staining and its application.
6. Medicolegal aspects of record keeping.
7. Segregation of wastes.
8. Define median and mode.

III. Short answers on:

(10 x 3 = 30)

1. Define Personal Protective Equipments.
2. Types of microscope.
3. Normal flora of human body.
4. Biohazard.
5. Sterilization by radiation.
6. How to prepare a blood film?
7. Molarity.
8. Gaseous sterilization.
9. Bacteriostatic agents.
10. Spores.
