

[LQ 1019]

NOVEMBER 2020  
(MAY 2020 EXAM SESSION)

Sub. Code: 1252

M.Sc. MEDICAL LABORATORY TECHNOLOGY  
FIRST YEAR

PAPER II – GENERAL BACTERIOLOGY, IMMUNOLOGY AND  
PARASITOLOGY

*Q.P. Code: 281252*

**Time: Three hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Define Sterilization. Write in detail Physical methods of sterilization including Quality Control.
2. Describe the structure of Immunoglobulin including Classification. Write the functions of IgM Antibody.

**II. Write notes on:**

**(10 x 6 = 60)**

1. Dark ground Microscopy.
2. Anaerobic methods of Cultivation of bacteria.
3. Role of Plasmids in antibiotic resistance.
4. Human Gastrointestinal Protozoans.
5. Immunization schedule for the new-born baby up to 1 year.
6. Types of Biosafety Cabinets.
7. Laboratory diagnosis of any two Auto-Immune Disorders.
8. Classification of Hyper-sensitivity.
9. Laboratory Diagnosis of Blood Parasites.
10. Life cycle of *Ascaris lumbricoides*.

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