

[LP 1019]

OCTOBER 2019

Sub. Code: 1252

**M.Sc. MEDICAL LABORATORY TECHNOLOGY EXAMS
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. Explain in detail about the sample collection, transport and lab diagnosis of Pulmonary and Extra Pulmonary Tuberculosis.
2. Define the terms Sterilization, Disinfection and Antisepsis and describe in detail about the physical methods of Sterilisation.

II. Write notes on:

(10 x 6 = 60)

1. Define Monoclonal Antibody and its uses.
2. Type IV Hypersensitivity.
3. Write short notes on Haemagglutination test with example.
4. McFarland standard.
5. Biosafety cabinet – principle and uses.
6. Amoebiasis.
7. Lab diagnosis of Urinary tract infection.
8. Enumerate the parasites identified by peripheral smear.
9. Stool concentration and preservation techniques.
10. Lab diagnosis of *Trichomonas vaginalis* infection.
