

[LL 1017]

OCTOBER 2017

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. Classification of sterilization and write in detail about the chemical methods of sterilization.
2. Plasmodium species and lab diagnosis of Malaria.

II. Write notes on:

(10 x 6 = 60)

1. Contribution of Louis Pasteur to the field of microbiology.
2. Bacterial spores.
3. Principles of electron microscopy.
4. Hydatid cyst.
5. Classification of bacterial culture media.
6. Principle behind Enzyme Linked Immunosorbent Assay (ELISA) test.
7. Structure and function of IgG antibody.
8. Lab diagnosis of ascaris lumbricoides.
9. Cell mediated immunity.
10. Bacterial cell wall.
