

[LN 1018]

OCTOBER 2018

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. Types, principles and applications of various Sterilization methods.
2. Pathogenesis, life cycle, diagnosis, prevention and treatment of *Plasmodium falciparum*.

II. Write notes on:

(10 x 6 = 60)

1. Nutritional requirements of bacteria.
2. Principle and working mechanism of Dark field Microscopy.
3. Types and functions of plasmids.
4. Tumour antigens.
5. Types of grafts based on its rejection phenomenon.
6. Structure and functions of IgM.
7. Laboratory diagnosis of Leishmaniasis.
8. Life cycle of blood fluke.
9. Classify cestodes with examples.
10. Opportunistic infections caused by Protozoa.
