

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

[AHS 0321]

MARCH 2021

Sub. Code: 1252

(OCTOBER 2020 EXAM SESSION)

M.Sc. MEDICAL LABORATORY TECHNOLOGY

FIRST YEAR (2011-2012 Regulation - From 2013-2014 onwards)

PAPER II – GENERAL BACTERIOLOGY, IMMUNOLOGY AND PARASITOLOGY

Q.P. Code : 281252

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Define Sterilization. Elaborate on chemical methods of sterilization.
2. Classification of Hyper sensitivity reactions with suitable examples.

II. Write notes on:

(10 x 6 = 60)

1. Principle and uses of florescent microscopy.
2. Chemical methods of disinfection.
3. Tests useful for identification of bacteria.
4. Tumourmarkers.
5. Bacterial capsule and its functions.
6. Antigen presenting cells.
7. Gastro intestinal nematodes.
8. Laboratory diagnosis of leishmaniasis.
9. Laboratory diagnosis of any two autoimmune diseases.
10. Differential identification of species of malarial parasite in the peripheral blood.
