

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

[AHS 0122]

**JANUARY 2022
(OCTOBER 2021 EXAM SESSION)**

Sub. Code: 1262

**M.Sc. MEDICAL LABORATORY TECHNOLOGY
SECOND YEAR (Regulation 2011-2012 & from 2013-2014 onwards)
PAPER II – SYSTEMIC BACTERIOLOGY, VIROLOGY AND MYCOLOGY
*Q.P. Code : 281262***

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Enumerate arboviruses in India describe in detail the pathogenesis laboratory diagnosis, prevention and control of dengue fever.
2. Classify of Streptococci . Discuss in detail about clinical features of pathogenesis and diagnosis of S.pneumoniae and S. Pyogenes.

II. Write notes on:

(10 x 6 = 60)

1. Toxoplasmosis.
2. Laboratory diagnosis of blood stream infection.
3. Realtime PCR.
4. Gonorrhoea.
5. Western blot technique.
6. Staining methods of fungi.
7. Corynebacterium diphtheria.
8. Candidiasis.
9. Dermatophytes.
10. Hepatitis B infection.
