

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

[AHS 1023]

OCTOBER 2023

Sub. Code: 9128

**M.Sc. MOLECULAR VIROLOGY
SECOND YEAR (From 2020-2021 onwards)
PAPER I – DIAGNOSTIC VIROLOGY**

Q.P. Code: 289128

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate notes on:

(2 x 20 = 40)

1. Enumerate viruses causing encephalitis in Humans. Discuss the clinical symptoms, transmission, laboratory diagnosis and immunoprophylaxis of Japanese B encephalitis.
2. Write in detail about the structure, pathogenesis, laboratory diagnosis and vaccines against SARS CoV 2. Add a note on containment of SARS Covid 2 pandemic.

II. Write Short Notes on:

(10x6 = 60)

1. Arthropod borne viral infection.
2. Serological profile of Hepatitis B viral Infection.
3. Slow viral diseases.
4. Varicella zoster virus.
5. Dengue hemorrhagic fever.
6. Structure of influenza virus and vaccines.
7. Kyasanur Forest Disease (KFD).
8. Anti Rabies vaccines.
9. Rota virus and vaccine.
10. Adeno virus.
