

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

[AHS 0321]

MARCH 2021

Sub. Code: 9130

(OCTOBER 2020 EXAM SESSION)

M.Sc. MOLECULAR VIROLOGY

SECOND YEAR (From 2009-2010 onwards)

PAPER III – RECENT ADVANCES IN MOLECULAR VIROLOGY

Q.P. Code : 289130

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate notes on:

(2 x 20 = 40)

1. Advanced molecular techniques in Virology. Write in detail about Sequencing methods and applications.
2. Viral vaccines. Write about the types, vaccine delivery system and a note on experimental COVID vaccines.

II. Write Short Notes on:

(10x6 = 60)

1. Microarray.
2. LCR.
3. Nanotechnology.
4. Search engines.
5. Scoring matrices.
6. Ribozymes.
7. Remdesivir.
8. FASTA.
9. RFLP.
10. Gene therapy.
