

[LP 1019]

OCTOBER 2019

Sub. Code: 9128

**M.Sc. MOLECULAR VIROLOGY EXAMS
SECOND YEAR
PAPER I – DIAGNOSTIC VIROLOGY**

Q.P. Code : 289128

Time : Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Immuno pathogenesis of respiratory viruses and discuss the efficiency of vaccines against different viral respiratory diseases.
2. Enumerate the viruses causing Hemorrhagic fevers with their Geographic distribution. Discuss the clinical features, diagnosis and prevention.

II. Write notes on:

(10 x 6 = 60)

1. Oncogenic viruses and diseases associated with them.
2. Emerging and Re-emerging viral diseases.
3. Laboratory diagnostic methods of SARS.
4. Epidemiology of Influenza.
5. Paraspecific immunity in pox vaccinations.
6. Pathogenesis of parvovirus B-9 infection.
7. Role of immunity in Dengue hemorrhagic fever.
8. Opportunistic infections in AIDS.
9. Structure of Rota virus.
10. Pathogenesis of Measles Encephalitis.
