

[LP 1019]

OCTOBER 2019

Sub. Code: 9125

**M.Sc. MOLECULAR VIROLOGY EXAMS
FIRST YEAR
PAPER I – BASIC MICROBIOLOGY, VIROLOGY AND IMMUNOLOGY**

Q.P. Code : 289125

Time: Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Enumerate the components of a compound microscope. Discuss Electron microscopy in detail.
2. Discuss in detail viral growth requirements in vitro.

II. Write notes on:

(10 x 6 = 60)

1. Membrane filtration techniques.
2. Experimental models in Antigen Presenting Cells.
3. Adult stem cells.
4. Sodium Hypochlorite.
5. Micro array.
6. Monoclonal antibody production.
7. Suckling mice.
8. Major histocompatibility complex.
9. Natural Killer Cells.
10. Abzymes.
