

[LP 1019]

OCTOBER 2019

Sub. Code: 9130

**M.Sc. MOLECULAR VIROLOGY EXAMS  
SECOND YEAR  
PAPER III – RECENT ADVANCES IN MOLECULAR VIROLOGY**

*Q.P. Code : 289130*

**Time : Three hours**

**Maximum : 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Write briefly about Viral Vaccines. Discuss the recent trends in Vaccine delivery system.
2. Define Nanotechnology. Write in detail about its applications.

**II. Write notes on:**

**(10 x 6 = 60)**

1. Eukaryotic promoter database.
2. Homology modeling.
3. Recombinant vaccines.
4. FASTA.
5. Substitution matrices.
6. Next generation sequencing.
7. Film array.
8. RAPD.
9. Anti retroviral chemotherapy.
10. Mutation.

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