

[LN 1018]

OCTOBER 2018

Sub. Code: 9129

**M.Sc. MOLECULAR VIROLOGY EXAMS
SECOND YEAR
PAPER II – APPLIED EPIDEMIOLOGY AND APPLIED ENTOMOLOGY**

Q.P. Code : 289129

Time : Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Surveillance system of viral diseases.
2. Vector control strategies in urban settings.

II. Write notes on:

(10 x 6 = 60)

1. Applications of xeno-diagnostics.
2. Cohort studies in epidemiology.
3. Epidemiological tools in public health surveillance.
4. Mechanical transmission of vector borne pathogens
5. Competence in virus-vector relationship.
6. Ecological impact in vector borne diseases.
7. Biochemical approaches in vector taxonomy.
8. Transgenic vectors.
9. Insecticidal resistance.
10. Natural cycles of vector borne pathogens.
