

[LP 1019]

OCTOBER 2019

Sub. Code: 9126

**M.Sc. MOLECULAR VIROLOGY EXAMS
FIRST YEAR
PAPER II – EPIDEMIOLOGY, BIostatISTICS AND ENTOMOLOGY**

Q.P. Code : 289126

Time: Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Explain biology, ecology, life history of ticks with special reference to Kyasanur Forest Disease (KFD).
2. Explain observational study designs with illustrative examples and merits and demerits.

II. Write notes on:

(10 x 6 = 60)

1. Randomization.
2. Types of sampling methods.
3. Sandflies.
4. Bias in epidemiological studies.
5. Types of data with examples.
6. Transmission of malaria.
7. Measures of association.
8. Non-parametric tests.
9. Methods of collecting ectoparasites from mammals.
10. Measures of central tendency.
