

[LL 1017]

OCTOBER 2017

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. Classification of Mosquito. Describe the life cycle of mosquito and its role in the transmission of Dengue, Malaria and Chikunguniya.
2. Describe the various methods of sampling in detail.

II. Write notes on:

(10 x 6 = 60)

1. Descriptive studies.
2. Scales of measurement.
3. Random error and Bias.
4. Incidence and prevalence with examples.
5. Measures of central tendency.
6. Power and Level of significance of the test.
7. Methods of collecting ectop arasites from mammals.
8. Public health importance of ticks and its control measures.
9. Prevention and control of Japanese Encephalitis.
10. Non-parametric tests.
