

[LD 1013]

OCTOBER 2013

Sub. Code: 9126

**M.Sc MOLECULAR VIROLOGY EXAMINATION
FIRST YEAR**

(for Candidates admitted from 2009-2010 onwards)

PAPER II – EPIDEMIOLOGY BIostatISTICS AND ENTOMOLOGY

Q.P. Code : 289126

Time : 3 hours

Maximum : 100 marks

Answer ALL questions

I. Elaborate on :

(2X20=40)

1. Medical importance of mites and fleas
2. Epidemiological study designs; Their objectives, key features and relative advantages and disadvantages

II. Writes notes on:

(10X6=60)

1. Non-parametric tests
2. Sampling methods
3. Measures of association
4. Steps of test of significance
5. Types of probability sampling
6. Incidence and prevalence with examples
7. Outbreak investigation
8. Bio-ecology of KFD
9. Blood feeding and gonotrophic cycle with diagram
10. New World and Old World sand flies and their importance
