

[LH 0415]

OCTOBER 2015

Sub. Code: 9129

M.Sc., MOLECULAR VIROLOGY
(for Candidates admitted from 2009-2010 Batch onwards)
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. Importance of epidemiological tools.
2. Briefly discuss about the JE virus transmission and control strategy.

II. Write notes on:

(10 x 6 = 60)

1. Sampling methods and kinds.
2. Preventive methods to be carried out during infectious disease outbreak.
3. Define GIS, discuss about their components and uses.
4. Role of community participation.
5. Different types of vector control methods.
6. Personal protection against vector borne diseases.
7. Discuss with suitable example about biological and mechanical vector.
8. Study design for public health surveillance.
9. Economic importance of Medical Entomology.
10. Insecticide resistance.
