



Code No. : 9573

FACULTY OF SCIENCE
M.Sc. IV Semester Examination, May/June 2012
MICROBIOLOGY
Paper – IV : Medical Virology and Parasitology

Time : 3 Hours]

[Max. Marks : 80

- Note :** 1) *Answer all questions.*
2) *Section A questions carry 4 marks and Section B questions carry 12 marks.*

SECTION – A

(8×4=32 Marks)

Answers **all** questions :

1. Von magnus phenomenon.
2. Edmonston -Zagreb strain.
3. Non Neural vaccines of Rabies
4. Cultivation of polio viruses
5. Morphology of HIV
6. Structure of Pox virus
7. Cysts of E.histolytica
8. Eggs of A. Lumbricoides.

SECTION – B

(4×12=48 Marks)

Answer **all** questions :

9. a) Discuss in detail on influenza virus.

OR

- b) Describe the morphology, cultivation, Pathogenicity of Mumps virus with special emphasis on its diagnosis and prevention.



10. a) Describe the disease Japanese Encephalitis in detail.

OR

b) Discuss on HAV, its morphology, cultivation, pathogenicity, Lab diagnosis and its prevention.

11. a) Give a detailed picture of Small Pox disease.

OR

b) Give a complete report on HSV.

12. a) Explain Dermatormycosis with examples.

OR

b) Discuss on Hook worm infection.
