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

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.

(This paper contains 2 pages)
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 Dermatomycosis with examples.
    OR
    b) Discuss on Hook worm infection.