



Code No. : 935

FACULTY OF SCIENCE
M.Sc. IV Semester Examination, April/May 2013
MICROBIOLOGY
Paper – IV : Medical Virology and Parasitology

Time: 3 Hours]

[Max. Marks: 80

Note : Answer *all* questions. *Each* question carries 4 marks in Sec. A and 12 marks in Sec. B.

SECTION – A

(8×4=32 Marks)

1. Cultivation of viruses in eggs.
2. Pathogenesis of Adenovirus - type 2.
3. Differentiate HBV and HAV.
4. Listout zoonotic viral diseases.
5. Pulse polio programme.
6. Vertical transmission.
7. Viral inclusion bodies.
8. CPE of smallpox.

SECTION – B

(4×12=48 Marks)

9. a) Discuss various clinical methods used to detect the influenza virus.
OR
b) Differentiation of clinical symptoms of measles and mumps.
10. a) Explain the water-borns viruses and write on their control measures.
OR
b) Discuss the role of malarial parasite causing disease through various life cycles.



11. a) List out various STD viral pathogens and write their mode of transmission and pathogenesis.

OR

b) What is AIDS ? Explain various steps involved in AIDS and its control.

12. a) Discuss the causal agents and pathogenesis of Dermatomycosis in detail.

OR

b) What is the causal agent of Amoebiasis and write its clinical symptoms in detail and its diagnosis.
