

FACULTY OF SCIENCE

M.Sc. IV-Semester Examination, May / June 2017

**Subject: Microbiology
Paper- IV
Medical / Virology & Parasitology**

Time : 3 Hours

Max. Marks: 80

Note : Answer all questions from Part-A and Part-B. Each question carries 4 marks in Part-A and 12 marks in Part-B.

**PART – A (8x4=32 Marks)
(Short Answer Type)**

1. Structure Influenza Virus
2. Nosocomial viral diseases
3. Enteroviruses
4. Hydrophobia
5. Structure of Variola virus
6. Structure of HBV
7. Cysts of E-histolytica
8. Disease structure of T.Vegirialis

**PART – B (4x12=48 Marks)
(Essay Answer Type)**

- 9.(a) Explain the cultivation of Viresy by tissue culture.
OR
(b) Write the etiology and pathogenesis of measles.
- 10.(a) What is Zoonosis? Write about the Rabies and its preventive control methods.
OR
(b) Discuss the mode on transmission and Pathogenesis of JEB virus.
- 11.(a) Differentiate HIV and AIDS? Explain the prevention and control of AIDS.
OR
(b) List out the Hepatitis Viruses. Explain the pathogenesis and preventive measures of HBV disease.
- 12.(a) Discuss the life cycle of Malaria parasite.
OR
(b) Write the etiology and prevention studies of Amoebiasis.