

QP Code:103109

Reg.No.:.....

PG Degree Examinations in Microbiology (MD) April 2018

Paper III - Virology & Parasitology

Time: 3 hrs

Max marks:100

- *Answer all questions*
- *Draw diagrams wherever necessary*

Essay: (20)

1. What are retro viruses. Enumerate the pathogenesis, lab diagnosis of HIV infection with a note on NACO strategies for HIV testing and ART.

Short essays: (8x10=80)

2. Cryptosporidium parvum
3. Ebola virus
4. Newer and rapid diagnostic tests for malaria.
5. Molecular methods of diagnosis of viral encephalitis
6. Delta hepatitis virus.
7. Peripheral smear in diagnosis of parasitic infections
8. Lab diagnosis of toxoplasmosis.
9. Discuss the epidemiology, pathogenesis and lab diagnosis of cytomegalovirus infection.
