

QP Code:103109

Reg.No.:.....

**PG Degree Supplementary Examinations in Microbiology (MD) -
November 2014**

Paper III - Virology & Parasitology

Time: 3 hrs

Max marks:100

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

Essays: (20)

1. List morphologically similar entamoeba histolytica species with their epidemiology. Discuss the laboratory diagnosis, and vaccine trial in amoebiasis..

Short essays: (8x10=80)

2. Discuss the emerging trypanosoma evansi infection in India.
3. Enlist the various viral causes of gastroenteritis. Add a note on the laboratory diagnosis of polio infection.
4. Ante mortem diagnosis of human rabies infection.
5. Explain immuno-pathogenesis of HIV infection. List the various opportunistic infections at various CD4 counts.
6. Parasitic agents of bioterrorism.
7. Discuss prion mediated viral infections in India.
8. Describe newer methods in management of hepatitis C infection.
9. Discuss enzyme-linked virus inducible system (ELVIS)
