

**PG Degree Examinations in Microbiology (MD) - May 2017**

**Paper III - Virology & Parasitology**

**Time: 3 hrs**

**Max marks:100**

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

**Essays: (20)**

1. Classify herpes viridae. Discuss the morphology, replication, pathogenesis and laboratory diagnosis of herpes simplex virus.

**Short essays: (8x10=80)**

2. Life cycle and laboratory diagnosis of toxoplasma gondii.
3. Opportunistic parasitic infections.
4. Arthropods transmitting parasitic infections.
5. Enumerate viruses causing viral haemorrhagic fevers. Describe Ebola virus.
6. Laboratory diagnosis of HIV infection. Add a note on NACO strategies of early infant diagnosis.
7. Laboratory diagnosis of hepatitis B virus infection.
8. Oncogenic viruses.
9. Larva migrans.

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