

QP Code:103109

Reg. No.:.....

**PG Degree Regular/Supplementary Examinations in Microbiology  
(MD) May 2022**

**Paper III - Virology & Parasitology**

**Time: 3 hrs**

**Max marks:100**

- *Answer all questions to the point neatly and legibly* • *Do not leave any blank pages between answers* • *Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together* • *Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

**Essay:**

**(20)**

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

**Short essays:**

**(8x10=80)**

2. Human papilloma virus infections and its vaccine.
3. Ebola virus.
4. Newer and rapid diagnostic tests for malaria.
5. Molecular methods of diagnosis of viral encephalitis.
6. Delta hepatitis virus.
7. Pulmonary paragonimiasis.
8. Lab diagnosis of toxoplasmosis.
9. Zoonotic filariasis.

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