

QP Code:103109

Reg. No.:.....

**PG Degree Regular/Supplementary Examinations in Microbiology
(MD) June 2024**

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. Classify oncogenic viruses. Write mechanism of viral oncogenesis. Discuss in detail pathogenesis, laboratory diagnosis of Human Papilloma Viruses (HPV). Add a note on HPV vaccine.

Short essays:

(8x10=80)

2. Laboratory diagnosis of Hepatitis C Viral infection.
3. Antiviral agents.
4. Viral antigenic variation and its importance.
5. Hand foot and mouth disease.
6. Discuss the laboratory diagnosis of Malaria.
7. Hydatid disease.
8. Onchocerca volvulus.
9. Trichinella spiralis.
