

QP Code:103109

Reg. No.:.....

**PG Degree Supplementary Examinations in Microbiology (MD)
December 2020**

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. Mention the morphology, antigenic variations in influenza viruses. Discuss in detail the pathogenesis, laboratory diagnosis of swine flu. Add a note on influenza vaccine.

Short essays:

(8x10=80)

2. Primary amoebic meningoencephalitis
3. Hydatid disease
4. Cultivation of the parasites.
5. Slow viral diseases
6. Human papilloma viruses
7. Antiviral agents
8. Latent viral infections
9. Giardia lamblia
