

QP Code:103109

Reg. No.:.....

**PG Degree Supplementary Examinations in Microbiology (MD)**  
**November 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. Discuss arboviruses seen in India

**Short essays:**

**(8x10=80)**

2. Laboratory diagnosis of HIV as per NACO guidelines

3. Viral gastroenteritis

4. Cell cultures for cultivation of viruses

5. Free-living Amoebae

6. Pathogenesis and Lab diagnosis of Ancylostoma duodenale infection

7. Complications of falciparum malaria

8. Interferons

9. Serological markers of Hepatitis B infection

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