

**QP Code:103109**

**Reg. No.:.....**

**PG Degree Regular/Supplementary Examinations in Microbiology  
(MD) July 2023**

**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. Enumerate the viral agents of encephalitis. Describe in detail the pathogenesis, epidemiology, laboratory diagnosis and prevention of Japanese Encephalitis (JE).

**Short essays:**

**(8x10=80)**

2. Entamoeba histolytica
3. Neurocysticercosis
4. Strongyloides stercoralis.
5. Severe Acute Respiratory Syndrome (SARS)
6. Interferon and its clinical applications
7. Compare and contrast live and killed polio vaccines
8. Respiratory Syncytial Virus (RSV)
9. Laboratory diagnosis of kala azar

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