

QP Code: 201385

Reg. No.....

**Second Year M.Sc. MLT Degree Supplementary Examinations April
(November), 2020
(Microbiology)
Paper V - Medical Virology**

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 diagrams wherever necessary*

Essays:

(10x10=100)

1. Classify arboviruses prevalent in India. Discuss pathogenesis, laboratory diagnosis and prophylaxis of dengue.
2. Rodent borne viral infections.
3. Describe confirmatory tests for HIV infections and antiretroviral therapy.
4. Viral infections of the immunocompromised host.
5. Discuss pathogenesis, laboratory diagnosis and control of Nipah virus infection.
6. Replication of RNA viruses.
7. Human interferon – antiviral activity and other biological effects.
8. Describe molecular methods in diagnostic virology.
9. Discuss congenital viral infections with laboratory diagnosis.
10. Human immune response to viral infections
