

QP Code: 201385

Reg. No.....

**Second Year M.Sc. MLT Degree Regular/Supplementary Examinations
September 2023
(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. Discuss briefly the various methods for virus isolation. Describe in detail about tissue culture methods.
2. Classify biosafety levels. Discuss in detail about shipping of specimens for diagnosis of viral infections.
3. Enumerate the general steps in viral replication. Discuss in detail the replication of retro viruses.
4. Herpes simplex virus
5. Enumerate blood borne viruses. Add a note on post exposure prophylaxis recommended following a needle stick injury.
6. Arboviral infections prevalent in Kerala.
7. Antiviral agents
8. Prophylaxis of Polio
9. Human prion diseases
10. Newer methods of diagnosis of viral infections
