

QP Code: 201385

Reg. No.....

**Second Year M.Sc. MLT Degree Examinations November 2018
(Microbiology)
Paper V - Medical Virology**

Time: 3 hrs.

Max. marks: 100

- *Answer all questions*
- *Draw diagrams wherever necessary*

Essays:

(10x10=100)

1. Cell culture methods for isolation of viruses.
2. Life cycle of bacteriophage.
3. Classify antiviral agents. Discuss the mechanism of action and uses of the different agents.
4. Describe the structure of influenza virus with diagram. Add a note on antigenic variation in influenza virus.
5. Tick borne arbo-viral infections in India.
6. Laboratory diagnosis of hepatitis B.
7. Japanese encephalitis.
8. Rubella virus.
9. Human corona viruses.
10. Discuss the biosafety measures to be taken in a virology lab.
