

QP Code: 201385

Reg. No.....

**Second Year M.Sc. MLT Degree Supplementary Examinations May 2018  
(Microbiology)**

PAPER – V MEDICAL VIROLOGY

**Time: 3 hrs.**

**Max. marks: 100**

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

**Essays:**

**(10x10 = 100)**

1. Classify viral cultivation methods. Describe in detail the animal inoculation methods.
2. Classify viruses based on structure (symmetry, envelope, nucleic acid). Give two examples of each.
3. Describe in detail the viral multiplication of positive sense RNA virus.
4. Anti-retroviral agents.
5. Enumerate the viruses causing tumors in man. Describe in detail the laboratory diagnosis of any one of them.
6. Electron microscopy in the laboratory diagnosis of viral infections.
7. Hepatitis C virus.
8. Emerging viral infections.
9. Epidemiology of H1N1.
10. Enumerate viruses causing rashes. Describe the laboratory diagnosis of any one of them

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