

QP Code: 201385

Reg. No.....

**Second Year M.Sc. MLT Degree Regular/Supplementary Examinations  
February 2022  
(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 tissue culture methods. Describe in detail the continuous cell culture.
2. Classify the biosafety levels. Describe in detail the biosafety cabinet level 2.
3. Describe in detail the viral multiplication of double stranded DNA virus.
4. Anti-viral disinfectants.
5. Enumerate the viruses causing diarrhoea in man. Describe in detail the laboratory diagnosis of the most common one of them.
6. Herpes simplex virus.
7. Laboratory diagnosis of human immunodeficiency virus infection.
8. Molecular methods in the laboratory diagnosis of viral diseases.
9. Epidemiology of dengue virus infections.
10. Human prion diseases

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