

QP Code: 201385

Reg. No.....

**Second Year M.Sc. MLT Degree Supplementary Examinations**  
**October 2021**  
**(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 blood transfusion associated hepatitis viruses with laboratory diagnosis and interpretation of serological markers.
2. Classify influenza viruses. Discuss pathogenesis, laboratory diagnosis and prophylaxis of influenza.
3. Rapid laboratory tests for HIV infection. Discuss opportunistic infections in AIDS.
4. Quantitation of viruses.
5. Classify and enumerate properties of paramyxoviruses. Discuss pathogenesis, laboratory diagnosis and control of rubella virus infections.
6. Enumerate viral skin infections and discuss laboratory diagnosis.
7. Child hood viral vaccines.
8. Classify arboviruses prevalent in India. Discuss pathogenesis, laboratory diagnosis and prophylaxis of Japanese encephalitis virus infection.
9. Diagnosis of viral infections by viral antigen detection.
10. Discuss common routes of transmission and mechanisms of spread of viral infections in human. Explain with examples.

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