

**PG Degree Supplementary Examinations in Microbiology (MD)**  
**July 2025**

**Paper III - Virology & Parasitology**

**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 table/diagrams/flow charts wherever necessary*

**Essay:**

**(20)**

1. Enumerate Transfusion Transmitted Viral infections. Discuss pathogenesis and laboratory diagnosis of Human Immunodeficiency Virus (HIV) infection. Discuss Post Exposure Prophylaxis in needle stick injury.

**Short essays:**

**(8x10=80)**

2. Prion diseases.
3. Varicella zoster.
4. Adeno virus.
5. Anti-rabies vaccines.
6. Immune response in parasitic disease.
7. Soil transmitted helminths.
8. Free living amoebae.
9. Diphyllobothrium latum.

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