

No. of Printed Pages : 2    MCMM-001-MCMM-101

**POST GRADUATE DIPLOMA IN HIV  
MEDICINE (PGDHIVM)**

**Term-End Examination**

**June, 2023**

**MCMM-001/MCMM-101 : BASICS OF  
HIV INFECTION**

*Time : 3 Hours*

*Maximum Marks : 70*

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**Note :** *All questions are compulsory.*

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**Part—A**

**Note :** Write the answers of the following within  
**1000** words each.

1. Describe briefly the objectives of HIV Sentinel Surveillance (HSS) and its methodology.    10
2. What are the steps in the life cycle and replication of HIV in the host ?    10
3. How does genetic diversity of HIV influence the clinical outcome of the disease ?    10

**P. T. O.**

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4. Describe the strategy III, to detect HIV infection in asymptomatic individuals as per NACO guidelines. 10
5. What are the common viral opportunistic infections seen in HIV ? 10

**Part—B**

**Note :** Write the answers of the following within **500** words each.

6. Write short notes on the following : 4×5=20
  - (a) Role of viral load testing in patients receiving anti-retroviral treatment
  - (b) Integrase inhibitor drugs
  - (c) Importance of CD4 + T lymphocytes monitoring in HIV
  - (d) Why are women more vulnerable to HIV transmission ?