

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

**Term-End Examination**

**June, 2022**

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

*Time : 3 hours*

*Maximum Marks : 70*

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**Note :** Attempt **all** questions. Write the answer to question number 1 within 1500 words and questions number 2 – 6 within 1000 words each.

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1. A 40-year-old HIV positive male on ART for 6 years presents with complaints of fever, multiple swellings in the neck and odynophagia for last one month.
- (a) Briefly discuss the likely differential diagnosis.
- (b) Which diagnostic investigations should be done ?
- (c) What is his clinical stage ?
- (d) How should he be treated ? 4×5=20

2. Describe the process of HIV replication in the host cell. Enumerate the sites where the antiretroviral drugs act. 10
  3. What were the major initiatives taken under NACP II and NACP III for halting the spread of HIV in India ? 10
  4. Describe the role of CD4 T-cells monitoring and the methods employed for CD4 T-cells enumeration. 10
  5. Describe the diagnosis of HIV in infants and children below 18 months of age. 10
  6. Write short notes on the following : 2×5=10
    - (a) Dominant Patterns of HIV Disease Progression
    - (b) Window Period
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