

00645

**POST GRADUATE DIPLOMA IN HIV  
MEDICINE**

**Term-End Examination**

**December, 2018**

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

*Time : 3 hours*

*Maximum Marks : 70*

- Note :** (i) *Write legible and to the point.*  
(ii) *All questions are compulsory.*

1. Clinical Case - A 30 year HIV Positive male patient presented with headache, vomiting and fever for two weeks. 6+6+8=20
  - (a) What clinical signs will you look for ?
  - (b) What differential diagnosis will you consider ?
  - (c) How will you investigate this patient ?
2. Describe briefly various tests used for diagnosis of HIV infection. 10
3. Write short notes on : 10x2=20
  - (a) Correlation between opportunistic infections and CD4 + T Lymphocytes Count
  - (b) Mechanism of ARV drug resistance
4. What are the clinical manifestations of HIV in children. 10
5. Write short notes on : 5x2=10
  - (a) Replication of HIV in CD4 + T Lymphocyte
  - (b) HIV Estimation and Modelling