

**POST GRADUATE DIPLOMA IN HIV  
MEDICINE**

**Term-End Examination**

**December, 2021**

**MCMM-003/103 : SYSTEMIC INVOLVEMENT IN HIV  
AND STI**

*Time : 3 hours*

*Maximum Marks : 70*

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**Note :** *Attempt all questions.*

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**PART A**

*Write the answer of the following within 1500 words :*

1. A 30-year-old male truck driver was admitted with history of fever and generalised headache for one month and altered sensorium for three days prior to admission. On examination the patient was drowsy, had neck rigidity, but there was no focal neuro deficit. He was found to be HIV +ve with a CD-4 count of 90 cells/mm<sup>3</sup>. CSF examination showed budding yeast-like structures.
- (a) What is the diagnosis ?
  - (b) What tests will you do to confirm your diagnosis ?
  - (c) How do you treat this condition ?
  - (d) When will you start ART ?
  - (e) How will you treat his headache ?

*2+4+10+2+2=20*

## **PART B**

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

2. Name the organisms commonly responsible for vaginal discharge in a sexually active female. Briefly describe the syndromic management of vaginal discharge. *4+6=10*
  
3. Define MDR and XDR TB. Briefly state the role of CBNAAT and LPA in the diagnosis of MDR TB. When will you initiate ART in a newly diagnosed HIV +ve patient who is also diagnosed to be suffering from pulmonary tuberculosis ? *4+3+3=10*
  
4. How do you clinically differentiate small bowel diarrhoea from large bowel diarrhoea ? Name the organisms commonly responsible for chronic diarrhoea in HIV infected patients. How do you diagnose and treat diarrhoea caused by cryptosporidia ? *3+3+4=10*

## PART C

5. Write short notes on the following within  
500 words each : *4×5=20*

- (a) HIV Associated Lymphomas
  - (b) Progressive Multifocal Leukoencephalopathy (PML)
  - (c) INH Prophylaxis Treatment (IPT)
  - (d) Cotrimoxazole Prophylaxis in HIV Infection
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