

No. of Printed Pages : 3 **MCMM–003/103**

**P. G. DIPLOMA IN HIV MEDICINE
(PGDHIVM)**

**Term-End Examination
December, 2023**

**MCMM–003/103 : SYSTEMIC INVOLVEMENT OF
HIV AND STI**

Time : 3 Hours

Maximum Marks : 70

Note : (i) *Write the answer of the question no. 1 within 1500 words.*

(ii) *Write the answer of the question numbers 2, 3 and 4 within 1000 words each.*

(iii) *Write the answer of the question numbers 5a, 5b, 5c and 5d within 500 words each.*

1. A 25 year old man is admitted with a history of low grade fever for one month. Clinical examination reveals presence of enlarged

P. T. O.

matted cervical lymph nodes. He is found to be HIV+ve and his CD4 count is 286 cells/mm³.

- (a) What is the most likely diagnosis ? 2
 - (b) How are you going to investigate this patient to confirm your diagnosis ? 4
 - (c) What are the other important causes of lymphadenopathy in an HIV positive patient ? 5
 - (d) How do you treat this patient ? 4
 - (e) When do you start ART and what ART regimen will you use according to NACO protocol ? 5
2. Briefly describe the clinical features, laboratory investigations and treatment of toxoplasma encephalitis in an HIV infected patient. 3+3+4
3. Briefly describe the association between viruses and malignancies in an HIV infected subject. Which are the AIDS defining cancers in HIV infection ? 7+3
4. Name the organisms commonly responsible for producing genital ulcers in a sexually active

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male. Briefly describe the syndromic approach to management of such a patient who gives history of painful vesicles in the genitalia. 4+6

5. Write short notes on the following 4×5=20
- (a) Common oral manifestations in HIV infection
 - (b) HIV associated nephropathy
 - (c) Herpes Zoster
 - (d) Prophylaxis of opportunistic infections in HIV infected subjects