

POST GRADUATE DIPLOMA IN HIV
MEDICINE

Term-End Examination

June, 2014

00615

MCOMM-004 : MANAGEMENT OF HIV/AIDS

Time : 3 Hours

Maximum Marks : 70

Note : Attempt all questions.

1. A 36 year old patient was put on ART (AZT/3TC/NVP) in March 2008 (WHO STAGE 1, CD4-324 cells/mm³). In May 2013 he presents at the ART Centre with irregular fever for 1 month and cervical lymphadenopathy. FNAC of cervical lymphnodes is positive for AFB. His current CD4 is 241 cells/mm³. There is no past history of tuberculosis. His adherence has always been greater than 95% : 4+2+4+4+4+2=20
 - (a) What do you suspect ? Give reasons.
 - (b) To which clinical stage (WHO) does he currently belong ?
 - (c) How will the medical officer of the ART Centre manage this patient ?
 - (d) How will you confirm 1st line ART failure in this patient ?
 - (e) What will be his 2nd line ART regimen ?
 - (f) Would you like to modify his ART ?

2. What are the different stages in the life cycle of Human Immunodeficiency Virus ? Briefly discuss how the different classes of antiretroviral drugs act on these different stages. 4+6=10

3. Outline the NACO protocol for laboratory diagnosis of HIV infection in HIV exposed infants. **10**
4. Write short notes on : **5x6=30**
- (a) Common signs and symptoms of HIV infection in infants
 - (b) Abacavir Hypersensitivity Syndrome
 - (c) Current NACO guidelines for initiation of ART in HIV infected adults
 - (d) ART in HIV2 infection
 - (e) Ritonavir boosted therapy
 - (f) Preventive Counselling
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