

**POST GRADUATE DIPLOMA IN HIV
MEDICINE**

Term-End Examination

December, 2013

MCMM-001 : BASICS OF HIV INFECTION

Time : 3 hours

Maximum Marks : 70

Note : *Attempt all questions.*

1. Clinical case : A 8 year old CLHIV presented with 20
history of Recurrent Diarrhea since 6 months and
history of weight loss since 4 months. On
examination child has as severe malnutrition.
Answer the followings :
- (a) What clinical history you would like to elicit from the mother of this child ?
 - (b) What are possible diagnosis with above clinical history ?
 - (c) What Investigations you will order to confirm diagnosis ?
 - (d) What is WHO staging of this child ?
2. Enlist the classification of HIV. Write in brief about 10
structure of HIV.

3. Describe the three dominant phases of HIV progression. Write down clinical presentation of Acute HIV infection. 10
 4. Write in brief on different types of diagnostic tests for HIV infection. 10
 5. Write principles of PCR technique of viral load estimations, its advantages and its limitations. 10
 6. Enlist different types of Fusion Inhibitors and Integrase Inhibitors drugs along with its site of action and mechanism of action in relation to HIV life cycle. 10
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