

**POST GRADUATE DIPLOMA IN HIV
MEDICINE**

Term-End Examination

00507

June, 2016

**MCMM-002 : NATIONAL AIDS CONTROL
PROGRAMME**

Time : 3 hours

Maximum Marks : 70

Note : Attempt all questions.

1. (a) Discuss the risk of transmission of different blood borne viruses following contaminated needle stick injury. 7
- (b) A surgeon is going to operate on an immunocompromised (HIV+) patient. What are the precautions that he should take to prevent 'sharp' injuries ? 7
2. (a) What are the different components that can be prepared from one unit of whole blood ? Give examples of clinical conditions where these components can be preferentially used instead of whole blood. 4+3
- (b) What do you mean by 'biomedical waste' ? How are you going to dispose the following biomedical wastes ? 3+4
 - (i) Waste sharps
 - (ii) Discarded medicines

3. (a) Discuss the risk of mother to child transmission of HIV in the absence of any intervention. What is the current NACO policy on the use of ART in pregnant mothers for the prevention of this transmission? 4+3
- (b) Briefly discuss the role of male circumcision for prevention of HIV acquisition. 7
4. (a) In the context of HIV transmission who constitute the 'high risk group'? What are the key components of 'Targeted Interventions' under NACP? 2+5
- (b) Briefly discuss the role of 'Mass Media' in spreading of HIV awareness. 7
5. Write short notes on the following: 2×7=14
- (a) Functions of ART Center
- (b) HIV Stigma
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