



IGNOU

Post Graduate Diploma in HIV Medicine (PGDHIVM)

ASSIGNMENTS 2019

PGDHIVM/AS 1-9

**HIV Medicine Cell
School of Health Sciences
Indira Gandhi National Open University
Maidan Garhi, New Delhi-110 068**

Dear Student,

As explained in the Programme Guide, there are nine assignments in total and **all** these assignments are compulsory. Please note that the assignments carry a weightage of 30% marks towards the final evaluation in theory component and **submission of related assignments is a prerequisite** for appearing in theory term-end examination for respective papers. It is always better if you can submit all assignments as early as possible during your contact session.

Last Date of Submission	Course Code	Blocks Involved	Assignment Code
June 30, 2019	MCMM-001/MCMM-101	1 and 2	MCMM-001/AS-1 or MCMM-101/AS-1
	MCMM-001/MCMM-101	3 and 4	MCMM-001/AS-2 or MCMM-101/AS-2
	MCMM-002/MCMM-102	1 and 2	MCMM-002/AS-3 or MCMM-102/AS-1
	MCMM-002/MCMM-102	3 and 4	MCMM-002/AS-4 or MCMM-102/AS-2
	MCMM-003/MCMM-103	1 and 2	MCMM-003/AS-5 or MCMM-103/AS-1
	MCMM-003/MCMM-103	3 and 4	MCMM-003/AS-6 or MCMM-103/AS-2
	MCMM-004/MCMM-104	1 and 2	MCMM-004/AS-7 or MCMM-104/AS-1
	MCMM-004/MCMM-104	3 and 4	MCMM-004/AS-8 or MCMM-104/AS-2
	MCMM-004/MCMM-104	5 and 6	MCMM-004/AS-9 or MCMM-104/AS-3

Please take note of the following points before writing your assignments:

- Use only foolscap size paper for writing your responses. Only handwritten assignments will be accepted. Typed or printed copies of assignments will not be accepted.
- Tie the pages after numbering them carefully.
- Write the questions and question number with each answer.
- All the questions are compulsory.
- **Zero marks will be given if it is found that the answers were copied from other student**
- Every assignment will be evaluated out of a full mark of 100. Weightage is indicated in parenthesis against each question.

Suggestions for writing an assignment:

Read the assignments carefully. Go through the units on which the answers are based. Draw a rough outline of your answer. Make a logical order. Then write your answer neatly and submit. Give illustrations and tables wherever necessary. You may keep a photo copy of the answer sheets for future reference.

Answer each assignment in separate sheets. On the first page of the assignment response sheet, write the course code, course title, assignment code, name of your programme study centre and date of submission. Your Roll No., Name and Full address should be mentioned in the top right corner of the first page. The first page of your response sheet should look like the format given.

Course Code _____	Enrollment No. _____
Course Title _____	Name _____
Assignment Code _____	Address _____
PSC _____	_____
Date of Submission _____	_____

Please submit the assignments to your Programme-in-charge (PIC) only.

ASSIGNMENT - 1
(Block 1 & 2)

Course Code: MCMM-001/MCMM-101
Assignment Code: MCMM-001/AS-1 or MCMM-101/AS-1
Maximum Marks: 100

Answer all Question

Answer the following questions within 750 words

- Q 1) Discuss the various modes of transmission of HIV in various groups of population and its role in prevention of the disease. (20)
- Q 2) Describe the pathogenesis of HIV in primary HIV infection, Latent phase and advanced disease (AIDS). (20)
- Q 3) Write short notes:
- a) Types of Disease Progression (10)
 - b) Role of genetics in Drug Resistance. (10)
 - c) HIV Latency in body (10)
 - d) Standardised methods for HIV/AIDS estimation and projection. (10)
 - e) Millennium Development Goals (10)
 - f) HIV Sentinel Surveillance (10)

ASSIGNMENT – 2
(Block 3 & 4)

Course Code: MCMM-001/MCMM-101
Assignment Code: MCMM-001/AS-2 or MCMM-101/AS-2
Maximum Marks: 100

Answer all Question

Answer the following questions within 750 words

- Q 1) Describe the clinical assessment of patients or people receiving antiretroviral therapy. (20)
- Q 2) Describe in brief various strategies of HIV testing in India. (20)

Answer each of the following questions within 300 words

- Q 3) Write short notes:
- a) Criteria for diagnosis of AIDS (10)
 - b) Differences between adult, paediatric HIV (10)
 - c) Opportunistic infections in HIV/AIDS (10)
 - d) Viral Culture (10)
 - e) Importance of CD4 + T cells monitoring in HIV (10)
 - f) Types of viral load assays (10)

ASSIGNMENT – 1
(Block 1 & 2)

Course Code: MCMM-002/MCMM-102
Assignment Code: MCMM-002/AS-1 or MCMM-101/AS-1
Maximum Marks: 100

Answer all Question

Answer the following questions within 750 words

- Q 1) Write about blood safety and role of flood safety in HIV prevention. Discuss briefly biomedical prevention of HIV (10+10=20)
- Q 2) Describe various nutrition related schemes of Government of India in the context of PLHIV. (20)

Answer each of the following questions within 300 words

- Q 3) Write short notes: (6x10=60)
- a) Employment Schemes of Government of India.
 - b) Importance of rights in relation to HIV/AIDS.
 - c) Confidentiality and HIV.
 - d) Factors influencing risk of Perinatal Transmission.
 - e) Rationale for post exposure prophylaxis.
 - f) Biomedical Waste Management.

ASSIGNMENT – 2
(Block 3 & 4)

Course Code: MCMM-002/MCMM-102
Assignment Code: MCMM-002/AS-2 or MCMM-002/AS-2
Maximum Marks: 100

Answer all Question

Answer the following questions within 750 words

- Q 1) Write about services provided at Integrated Counseling and Testing Centres (ICTC). Describe briefly HIV Sentinal Surveillance (HSS). (10+10=20)
- Q 2) Describe targeted interventions under NACP. (20)

Answer each of the following questions within 300 words

- Q 3) Write short notes: (6x10=60)
- a) Factors which make bridge population vulnerable to HIV.
 - b) Drop in Centres (DIC)
 - c) Functions of Community Care Centres.
 - d) Objectives of Link Art Centres
 - e) Modes of transmission of HIV
 - f) Natural history of HIV.

ASSIGNMENT –1
(Book 1 & 2)

Course Code: MCMM-003/MCMM-103
Assignment Code: MCMM-003/AS-1 or MCMM-103/AS-1
Maximum Marks: 100

Answer all Question

Answer the following questions within 750 words

- Q 1) Discuss the use of primary & secondary chemoprophylaxis in PLHIV (People living with HIV).
(10+10=20)
- Q 2) Discuss the diagnostic approach to a case of chronic diarrhea in adult with AIDS. (20)

Answer each of the following questions within 300 words

- Q 3) Write short notes: (6x10=60)
- a) Management of odynophagia and dysphagia in PLHIV.
 - b) Diagnosis of of pmnucystis jiroveci pneumonia (PCP).
 - c) Treatment of cryptococcal meningitis.
 - d) Clinical manifestations of cytomegalovirus infection.
 - e) Differential diagnosis of Focal Cerebral Lesions seen on MRI brain in AIDS.
 - f) Enumerate the Neurological disorders seen in early HIV disease (WHO stage I & II).

ASSIGNMENT –2
(Book 3 & 4)

Course Code: MCMM-003/ MCMM-103
Assignment Code: MCMM-003/AS-2 or MCMM-103/AS-2
Maximum Marks: 100

Answer all Question

Answer the following questions within 750 words

- Q 1) Discuss the different methods available for diagnosis of MDR/xDR-TB. (10+10=20)
- Q 2) Enumerate the various dermatological disorders highly indicative of HIV infection & discuss the diagnosis & management of any one of them. (20)

Answer each of the following questions within 300 words

- Q 3) Write short notes: (6x10=60)
- a) Pruritic papular eruptions.
 - b) Describe the manifestations and management of Herpes simplex infection in HIV Patient TB prevention.
 - c) Role of INH prophylaxis in PLHIV.
 - d) Goals of Antiretroviral Therapy in HIV.
 - e) Kaposi's Sarcoma.
 - f) Tuberculous Lymphadenopathy.

ASSIGNMENT –1
(Book 1 & 2)

Course Code: MCMM-004/ MCMM-104
Assignment Code: MCMM-004/AS-1or MCMM-104/AS-1
Maximum Marks: 100

Answer all Question

Answer the following questions within 750 words

- Q 1) Discuss the dose modifications of antiretroviral drugs in renal and liver disorders. (10+10=20)
- Q 2) Define immune reconstitution inflammatory syndrome (IRIS). Classify IRIS and Enumerate its causes. Discuss the risk factors for IRIS. (20)

Answer each of the following questions within 300 words

- Q 3) Write short notes: (6x10=60)
- a) Life cycle of HIV.
 - b) Causes of HIV drugs resistance.
 - c) Adverse drug effects of protease inhibitors.
 - d) Goals of Antiretroviral Treatment (ART)
 - e) Art preparedness counseling
 - f) First line Art Regiment in Adults.

ASSIGNMENT –2
(Book 3 &4)

Course Code: MCMM-004/ MCMM-104
Assignment Code: MCMM-004/AS-2 or : MCMM-104/AS-2
Maximum Marks: 100

Answer all Question

Answer the following questions within 750 words

- Q 1) Discuss the risk of acquiring HIV after various exposure routes. Outline the approach to the management of a health care worker with needle stick injury. (8+12=20)
- Q 2) Discuss the national strategy for preventing Parent to child transmission (PPTCT). (20)

Answer each of the following questions within 300 words

- Q 3) Write short notes: (6x10=60)
- a) Treatment Failure.
 - b) State AIDS Clinical Expert Panel (SACEP).
 - c) Continuum of Care
 - d) Monitoring reports under national programme
 - e) Sexual and Reproductive Health for Women with HIV.
 - f) ART in HIV-2 Infection.

ASSIGNMENT –3
(Book 5 & 6)

Course Code: MCMM-004/ MCMM-104
Assignment Code: MCMM-004/AS-3 or MCMM-104/AS-3
Maximum Marks: 100

Answer all Question

Answer the following questions within 750 words

- Q 1) Discuss common opportunistic infection in children. (20)
- Q 2) Discuss the components of nutrition counseling for PLHIV. (20)

Answer each of the following questions within 300 words

- Q 3) Write short notes: (6x10=60)
- a) Counseling in adolescents.
 - b) Early Infant Diagnosis.
 - c) Immunization in A Child with HIV.
 - d) Monitoring a Child on Art.
 - e) First line art for children.
 - f) Common clinical manifestations of children with HIV