



**IGNOU**

# **Certificate Course in Phlebotomy Assistance (CPHA)**

## **ASSIGNMENTS 2023 (July 2023 Batch)**

CPHA/AS 1-2

**Skill Training 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.

<b>Last Date of Submission</b>	<b>Course Code</b>	<b>Blocks Involved</b>	<b>Assignment Code</b>
<b>15<sup>th</sup> November 2023</b>	BHT-011/TMA/2023	1 and 2	BHT-011/TMA/2023/AS-1
<b>15<sup>th</sup> November 2023</b>	BHT-012/TMA/2023	1 and 2	BHT-012/TMA/2023/AS-2

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 for course Basic Phlebotomy Assistance  
(Block 1, 2, 3 & 4)**

**Programme Code: CPHA  
Course Code: BHT 011  
Assignment Code: BHT-011/TMA/2023  
Maximum Marks: 100  
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**This Assignment consists of Ten Long Answer questions of 10 marks each.**

- Q 1 a) Describe the role and responsibilities of a Phlebotomist  
b) Describe the importance of drawing quality blood sample for testing
- Q 2 a) Describe the Healthcare Delivery System in India  
b) Describe in brief about the National Health Mission
- Q 3 a) What are the 4 basic principles of healthcare ethics? Describe about them.  
b) What are the components of Standard Operating Procedures (SOPs) and How to use SOPs?
- Q 4 a) Describe the barriers of communication  
b) Explain skills required for effective communication
- Q 5) a) Describe the chain of survival-Key elements in Basic Life support (BLS)  
b) Describe the Phases of Disaster Management and typical disaster management cycle.
- Q 6) a) Describe the types of blood cells and their functions  
b) Describe the relevant anatomy of the Antecubital fossa with diagram
- Q7 a) List the five inappropriate sites of venipuncture and briefly explains the reasons of inappropriateness of these sites  
b) List the universal precautions to be taken while doing venipuncture.
- Q8 a) Describe about the Blood Collection System.  
b) Enlist the names of equipment used for venipuncture. Describe the use of any five of them.
- Q9 a) Describe tourniquet, its application and precautions to be taken during its application  
b) How you will dispose used needles, lancets, and other sharp objects?
- Q10 a) Describe the procedure of phlebotomy.  
b) Describe about the Arterial Blood Sampling.

**Assignment 1 for course Handling of Blood Samples  
(Block 1, 2, 3 & 4)**

**Programme Code: CPHA  
Course Code: BHT 012  
Assignment Code: BHT-012/TMA/2023  
Maximum Marks: 100**

**This Assignment consists of Ten Long Answer questions of 10 marks each.**

- Q 1 a) List the laboratory tests that fasting. Describe the Blood Sugar Sampling and GTT.  
b) Describe the preparation for Blood Samples.
- Q 2 a) Describe the conditions necessary for transportation of samples.  
b) Describe the packing of samples.
- Q 3 a) Describe the types of blood samples for various tests.  
b) Describe the factors that influence the outcome of laboratory result
- Q4 a) How will you assist a patient during Phlebotomy procedure?  
b) Enumerate the causes of Procedure-related and patient-related failed venipuncture
- Q 5 a) Enlist the adverse reactions due to blood sampling and management. Describe any five out of them.  
b) What is the important of medical records
- Q6 a) Define the infection and describe the routes of transmission of infection  
  
b) List down six elements of chain of transmission and describe any of the four elements.
- Q7 a) Describe the Inventory Management Practices in Hospitals.  
b) Describe about the stock taking in Inventory Management.
- Q8 a) Describe the basic principles of Infection Control Practices.  
b) Describe the Universal/Standard Precautions.
- Q9 a) Describe the catheter-associated urinary tract infections.  
b) What are the categories of Bio Medical Waste (BMW)

- Q 10 a) Describe the Steps involved in Bio-Medical Waste Management (BMW)  
b) Describe the safe handling of equipments.