



**B.Sc. in Medical Imaging  
Technology (BMIT)**

**IGNOU**

**ASSIGNMENTS  
JULY 2014-15  
BMIT/BRTT/ AS-1-2  
4<sup>th</sup> Year**



**Centre for Paramedical Sciences  
Indira Gandhi National Open University  
Maidan Garhi, New Delhi-110 068**

As explained in the Programme Guide, there are four Tutor Marked Assignments (TMA) and **all these assignments are compulsory**. Please note that you are required to score a minimum of 50% marks in each assignment component. The assignments carry a weightage of 30% marks towards the final evaluation in theory component. **Submission of related assignments is a pre-requisite** for appearing in theory term-end examination for respective papers. All the assignments should be submitted **before 31<sup>st</sup> March, 2015**.

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

- **Use only foolscap size paper for writing your responses. Only hand written assignments will be accepted. Typed or printed copies of assignments will not be accepted.**
- Tie all the pages after numbering them carefully.
- Write the question number with each answer and marks allotted.
- **All the questions are compulsory.**
- Every assignment will be evaluated out of a full mark of 100. Weightage is indicated against each question.

**Suggestions for writing an assignment:**

Read the assignments carefully. Scan through the whole material of the course, answers may be linked within the blocks/units. Draw a rough outline of your answer in your own words. Support your answer from your clinical experience. Make a logical order. Then write your answer neatly and submit. Give illustrations and tables wherever necessary. You must keep a Xerox copy of the answer sheets for the future reference. Do not copy from printed course material. Answer each assignment on separate sheet. On the first page of the assignment response sheet, write the course code, course title, assignment code, name of your Programme study centre (PSC) and date of submission. Your roll number, name and full address should be mentioned on the first page. The first page of your response sheet should look like the format given.

Course Code	:	.....	Enrolment No.	.....
Course Title	:	.....	Name	: .....
Assignment Code	:	.....	Address	: .....
PSC	:	.....		.....
Date of Submission	:	.....		.....

**Please submit the assignments to the Programme In-charge of the Programme Study Centre allotted to you.**

**BAHI-045**  
**Basics of Research Methodology and Biostatistics**  
**ASSIGNMENT-1**

Programme Code: BMIT/BRTT  
Course Code: BAHI-045  
Assignment Code- BAHI/AS 1  
Maximum Marks: 100  
Last date of Submission: 31<sup>st</sup> March, 2015

**Answer all the questions. Each question carries 10 marks.**

1. Define Statistics, Scale of measurement and Frequency distribution and graphical presentation of data.
2. Explain sampling techniques.
3. Explain mean, mode, median and standard deviation.
4. Explain types of instrument its validity and reliability.
5. How to prepare a research report, its presentation and publication.
6. Write short notes on:
  - (a) Population.
  - (b) Pilot study.
7. Describe the various data collection methods its role and purpose.
8. Explain Qualitative and Quantitative designs its role and purpose in Research..
9. Enlist and explain the various components of data analysis.
10. Explain briefly communication of the research.

**BAHI-046**  
**Teaching Methods**  
**ASSIGNMENT-2**

Programme Code-BMIT/BRTT  
Course Code: BAHI-046  
Assignment Code- BAHI/AS 2  
Maximum Marks: 100  
Last date of Submission: 31<sup>st</sup> March, 2015

**Answer all the questions. Each question carries 10 marks.**

1. Explain the following:-
  - a) Teaching by Role Play.
  - b) Group discussion and seminar.
2. Name the various Methods of Teaching. Choose any one of your choice and describe it.
3. Define Micro-teaching based learning.
4. Compare Graphic Aids and Printed Aids its role and purpose in teaching.
5. Briefly discuss the principles, purpose and types of A.V. Aids and sources.
6. Explain discuss on teaching-learning process.
7. Define Purpose of evaluation and assessment.
8. Define the role of teacher in classroom management.
9. Describe the following Teaching Methods:-
  - (a) Chalk Board + Graph + Chart
  - (b) Teaching by overhead projector
10. Write short notes on:-
  - (a) Symposium.
  - (b) Project method.