Master of Commerce
(M.Com)

Third Semester
Assignments
2025

For January 2025 and July 2025 admission cycle

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THE PEOPLE'S
UNIVERSITY

School of Management Studies
Indira Gandhi National Open University
Maidan Garhi, New Delhi -110 068

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Dear Students,

As explained in the Programme Guide, you have to do one Tutor Marked Assignment for each course. We are sending the assignments of all the six courses together in this booklet.

Assignment is given 30% weightage in the final assessment. To be eligible to appear in the Term-End Examination, it is compulsory for you to submit the assignments as per the schedule. Before attempting the assignments, you should carefully read the instructions given in the Programme Guide.

These assignments are valid for two admission cycles **(January 2025 and July 2025)**. The validity is given below:

1   Those who are enrolled in **January 2025**, it is valid upto **December 2025**.
2   Those who are enrolled in **July 2025**, it is valid upto **June 2026**.

In case you are planning to appear in June Term-End Examination, you must submit the assignments to the Coordinator of your Study Centre latest by **15th March,** and if you are planning to appear in December Term-End Examination, you must submit them latest by **15th October**.

In case, you are not able to submit the assignment during above mentioned period, you are required to submit the new assignment.

TUTOR MARKED ASSIGNMENT

Course Code	:	**MCO – 03**
Course Title	:	**Research Methodology and Statistical Analysis**
Assignment Code	:	**MCO - 03 /TMA/2025**
Coverage	:	**All Blocks**

Maximum Marks: 100

Attempt all the questions.

Q. 1 What is Research Design? List the various components of a research design. **(20)**

Q. 2
a) What do you understand by the term Correlation? Distinguish between different kinds of correlation with the help of scatter diagrams. **(10+10)**
b) What do you understand by interpretation of data? Illustrate the types of mistakes which frequently occur in interpretation.

Q. 3 **Briefly comment on the following:** **(4×5)**

a) "A representative value of a data set is a number indicating the central value of that data".
b) "A good report must combine clear thinking, logical organization and sound Interpretation".
c) "Visual presentation of statistical data has become more popular and is often used by the researcher".
d) "Research is solely focused on discovering new facts and does not involve the analysis or interpretation of existing data."

Q. 4 **Write short notes on the following:** **(4×5)**

a) Visual Presentation of Statistical data
b) Least Square Method
c) Characteristics of a good report
d) Chi-square test

Q. 5 **Distinguish between the following:** **(4×5)**

a) Primary data and Secondary data
b) Comparative Scales and Non-Comparative Scales
c) Inductive and Deductive Logic
d) Random Sampling and Non-random Sampling