

**Master of Commerce
M.Com (OLD) IInd Year**

**Second Year
Assignments
2026-2027**

For July 2026 and January 2027 admission cycle



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



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ASSIGNMENTS – 2026-2027**

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 (**July 2026 and January 2027**). The validity is given below:

1. Those who are enrolled in **July 2026**, it is valid upto **June 2027**.
2. Those who are enrolled in **January 2027**, it is valid upto **December 2027**.

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**.

TUTOR MARKED ASSIGNMENT

Course Code	:	MCO – 03
Course Title	:	Research Methodology and Statistical Analysis
Assignment Code	:	MCO - 03 /TMA/2026-27
Coverage	:	All Blocks

Maximum Marks: 100

Attempt all the questions.

- Q. 1** a) Discuss the significance of research design in research. Compare exploratory, descriptive, and causal research designs with suitable examples. **(10+10)**
- b) Explain the concept of measurement and scaling. Discuss different levels of measurement scales and evaluate their usefulness in research.
- Q. 2** a) Discuss various methods of data collection. Compare primary and secondary data sources and explain their relevance in modern research. **(10+10)**
- b) Describe various methods of data presentation. Explain the role of statistical tables and graphical presentations in communicating research findings.
- Q. 3** a) Explain the concepts of central tendency and dispersion. Discuss how these measures assist managers in interpreting business data. **(10+10)**
- b) Discuss the concept of correlation. Explain different types of correlation and evaluate the usefulness and limitations of Karl Pearson's coefficient of correlation.
- Q. 4** **Distinguish between the following:** **(4×5)**
- a) Nominal Scale and Ordinal Scale
- b) Parametric and Non-Parametric Test
- c) Editing and Coding of Data
- d) Discrete Frequency Distribution and Continuous Frequency Distribution
- e) Statistical Independence and Statistical Dependence
- Q. 5** **Write Short Notes on the following:** **(4×5)**
- a) Issues in Attitude Measurement and their implications for research quality.
- b) Geographical and Chronological Classification of Data.
- c) Scatter Diagram as a tool for studying relationships between variables.
- d) Interpretation, Generalization, and Statistical Fallacies in research studies