

M.Com. 2nd Semester  
RESEARCH METHODOLOGY  
Paper—MC-203

Time Allowed—3 Hours] [Maximum Marks—60

SECTION—A

**Note** :—Attempt any 10 parts. Each part carries 2 marks.

1. Primary scales of Measurement.
2. Why is it necessary to critically review the secondary data available ?
3. What are Factor Loadings in Factor Analysis ?
4. Observation Method.
5. Extraneous variables.
6. Explain Discriminant Coefficient.
7. What do you mean by transformation of data ?
8. Types of Review.
9. Paired Comparison Method.
10. Factor Rotation.
11. Independent and Dependent variables.
12. Likelihood Ratio. 2×10=20

**SECTION—B**

**Note :—** Attempt any **TWO** questions. Each question carries **10** marks.

1. “The problem definition stage is perhaps more critical in the research process than the problem solution stage”. Discuss the statement.
2. What do you understand by Literature survey ? Discuss its importance while conducting research.
3. Write a note on the nature of Research Methodology. Is it an art or science ?
4. Define Experimental research design. Explain various Basic designs with the help of examples.  $2 \times 10 = 20$

**SECTION—C**

**Note :—** Attempt any **TWO** questions. Each question carries **10** marks.

1. What is meant by Regression Analysis ? What are the main uses of it in Research ? What are the assumptions that underlie a bi-variate regression ?
2. Discuss the procedure of conducting Discriminant Analysis with the help of an example.
3. Discuss various non-comparative scaling techniques, giving suitable examples.
4. Why tabulation and analysis is considered essential in research study ? Narrate the characteristics as well as types of table.  $2 \times 10 = 20$