MP-202/MP-302 (Old)

June - Examination 2026

Master of Business Administration (IInd Year) Examination

Research Methodology

Paper : MP-202/MP-302 (Old)

[*Time:* ***3*** *Hours*] [*Maximum Marks:* ***80***]

Note :- The question paper is divided into three Sections A, B and C. Write answers as per the given instructions in each section.

Section-A **8×2=16**

(Very Short Answer Type Questions)

Note :- Answer **all** questions. As per the nature of the question delimit your answer in one word, one sentence or maximum up to **30** words. Each question carries **2** marks.

1. (i) What is Exploratory Research?
   (ii) Explain stratified sampling.
   (iii) What is meant by 'Rank Correlation'? Give formula to measure it.
   (iv) Point out any four salient features of a Good Research Report.
   (v) From the following table, fill up the missing frequency taking $\overline{X} = 9.88$.

Groups	0-4	4-8	8-12	12-16	16-20
Frequency	20	18	?	25	15

   (vi) Mention the conditions to be satisfied for the application of Chi-square test.
   (vii) How is the scale in circular diagram calculated?
   (viii) Write the assumptions of F Test.

Section-B **4×8=32**

(Short Answer Type Questions)

Note :- Answer **any four** questions. You have to delimit your each answer maximum up to **200** words. Each question carries **8** marks.

2. What are the different techniques of sampling? Explain any two with examples.
3. Write a note on application of computers in Research.
4. Explain the terms -
   (a) Null Hypothesis
   (b) Level of Significance
5. Find out Standard Deviation from the following data -

No. of accidents	**No. of Persons**
0	14
1	13
2	22
3	09
4	11
5	08
6	03

6. What is a concurrent correlation? How will you determine it?

7. Write an explanatory note on the major components of a Good Research Report.

8. Explain the concept of scaling in Research. Discuss its importance in measurement and date collection.

9. Discuss the major differences between Qualitative and Quantitative Research.

Section-C **2×16=32**

(Long Answer Type Questions)

Note :- Answer **any two** questions. You have to delimit your each answer maximum up to **500** words. Each question carries **16** marks.

10. From the following data, obtain the two Regression equations by the method of least squares -

x	y
1	3
2	4
3	6
4	9
5	10

11. Define Hypothesis Testing. Explain the procedure involved in testing a hypothesis.

12. What do you mean by Report writing? Discuss the role of references, bibliography and citation in a research report.

13. Differentiate between Dispersion and Skewness. What are the various methods of measuring skewness? Explain.
