

MP-202/MP-302 (Old)

December - Examination 2025

Master of Business Administration (II 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.

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) Define research.
- (ii) Define random sampling.
- (iii) Explain Null Hypothesis.
- (iv) If coefficient of skewness is 6, the sum of two quartiles is 200 and the median is 76, then find out the coefficient of quartile deviation.
- (v) What do you mean by research report?
- (vi) Define Quantitative research.
- (vii) Explain Census enquiry.
- (viii) Write a formula for calculating Karl Pearson's coefficient of correlation.

Section-B

4×8=32

(Short Answer Type Questions)

Note :- Answer **any four** questions. Each answer should not exceed **200** words. Each question carries **8** marks.

2. Write a note on application of computers in business research.
3. Explain stratified sampling.
4. Define correlation and explain rank correlation.
5. Explain various methods used in collection of primary data.
6. Explain mode by taking a suitable example.

7. Calculate mean and median from the following -

Class	Frequency
0-10	8
10-20	12
20-30	14
30-40	16
40-50	13
50-60	10

8. Calculate standard deviation and its coefficient from the following -

Class	0-5	5-10	10-15	15-20	20-25	25-30	30-35
Frequency	2	5	7	11	9	7	3

9. Discuss the subject matter of research design.

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 answer should not exceed **200** words. Each question carries **16** marks.

10. A sample analysis of result of 700 students. 260 students had failed, 200 had secured third division, 140 placed in second division and 100 got first division. Are these figures commensurate with the natural level result, which is in the ratio of 4:3:2:1 for the various categories respectively. (Table value of (χ^2) chi-square at 5% level of significance for d. f. 3 is 7.81)
11. Sampling have an important role in research. Explain it.
12. Write a note on computer in business research.
13. Explain steps of research report.
