13. Calculate Karl Pearson's coefficient of correlation :

X	Y
50	11
50	13
55	14
60	16
65	16
65	15
65	15
60	14
60	13
50	13

MP–202/MP–302 (Old)

June – Examination 2023

Master of Business Administration (IInd Year) Examination

Research Methodology

Paper : MP–202/MP–302

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)   What is Research Design ?

   (ii) Explain Quantitative Research Design.

(iii) List the objectives of Descriptive Research Design.

(iv) What is Primary Data ?

(v) Explain the need of Data Interpretation.

(vi) What is Correlation ?

(vii) Define Data Processing.

(viii) Give any *two* objectives of Report.

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. Explain the steps of Research Design.

3. Differentiate between Stratified sampling and Cluster Sampling.

4. Describe the merits and demerits of Secondary Data.

5. Calculate coefficient of correlation between the price and quantity demanded :

Price (₹)	5	10	15	20	25
Demand (kg)	40	35	30	25	20

6. What are the prequisites of Analysis of Data ?

7. What is Schedule ? Also discuss its types in brief.

8. Write a short note on Spearman's Rank difference Correlation method.

9. Discuss the precautions which should be considered for preparing Research Report.

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. Write a detailed note on 'Framing of Hypothesis'.

11. Explain Chi-square Test. What is its significance ?

12. Define Sampling Theory. What factors should be taken into consideration in sample selection ? Explain in detail.