



M 16949

Reg. No. :

Name :

**Third Semester M.S.W. Degree Examination, November 2009
Paper – XVI : QUANTITATIVE METHODS IN SOCIAL RESEARCH**

Time: 3 Hours

Max. Marks: 80

PART – I

Answer **any six** questions. **Each** question carries **3** marks. Answer to **a** question is limited to **100** words.

Write short notes :

1. SPSS
2. Dispersion
3. Degrees of freedom
4. Yules coefficient
5. Skewness
6. Probability
7. Mean
8. Types of errors
9. Quartile deviation.

(6×3=18)

PART – II

Answer **any five** questions. **Each** question carries **6** marks. Answer to **a** question is limited to **200** words.

10. What are the measures of dispersion ?
11. Discuss the use of correlation in social science research.
12. Write a note on computer applications in research.

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M 16949



13. Find out mode of the following distribution :

Monthly income	No. of families
100 – 200	5
200 – 300	6
300 – 400	15
400 – 500	10
500 – 600	5
600 – 700	4
700 – 800	3
800 – 900	2

14. Explain various scaling techniques.
15. Explain the limitations of Statistics.
16. Discuss the application of Spearman's Rank Correlation method.
17. Compute coeft. of correlation for the following data :

X	10	15	7	12	8	9	11
Y	9	10	4	13	6	8	12

(5×6=30)

PART – III

Answer **any two** questions. **Each** question carries **equal** marks. Answer to a question should not exceed **900** words.

18. Illustrate graphic and diagrammatic presentation of data.
19. Find out the association between income and children's education.

Income	Govt. School	Private School
Low	200	100
High	200	500

$$(\chi^2_{0.05} = 3.84)$$

20. Explain the uses of Statistics in research.

(16×2=32)