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16 x3



M 18573

Reg. No. :

Name :

Third Semester M.S.W. Degree (Regular/Supplementary)

Examination, December 2010

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. Range
2. Mode
3. Ouartile deviation
4. Phi-coefficient
5. Kurtosis
6. Probability
7. t-test
8. Histogram
9. Social distance.

(6×3=18)

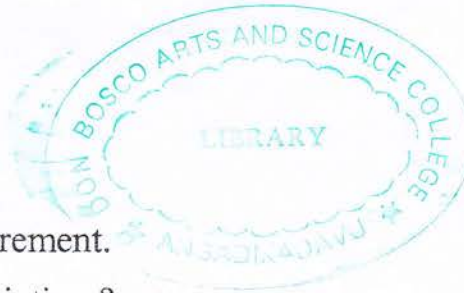
PART – II

Answer **any five** questions. **All** questions carry **equal** marks. Answers should **not** exceed **200** words :

10. Calculate Karl Pearsons coefficient of correlation for the marks obtained for research and statistics for 10 MSW students :

Marks for Research	40	26	70	32	52	30	48	48	42	62
Marks for Statistics	42	29	66	24	58	28	46	50	44	66

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11. Explain various levels of measurement.
12. What are the measures of association ?
13. Explain graphic method to find out correlation.
14. Illustrate the application of diagrams in presenting data.
15. Explain the merits and demerits of measures of central tendency.
16. From the following data, calculate the mean deviation and its coefficient.

Size	Frequency	
0 – 5	5	
5 – 10	8	
10 – 15	10	
15 – 20	7	
20 – 25	6	
25 – 30	4	(5×6=30)

PART – III

Answer **any two**. Each question carries **16** marks. Answers should **not** exceed **900** words :

17. Explain the uses of statistics in social research.
18. Explain various scaling techniques.
19. Following table gives the classification of 100 workers according to their nature of work. Test whether there is any association between the nature of work and gender of the workers.

	Skilled	Unskilled
Male	40	20
Female	10	30

(16×2=32)