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Reg. No. : ....

Name : ....

M.A. Sociology Previous Degree Examination, August 2009
Paper – VII : SOCIAL STATISTICS (Prior to 2007 admn.)

Time : 3 Hours   Max. Marks : 85

Instructions: *1) Answer **any five** questions.*
*2) **Each** question carries **17** marks.*
*3) **Each** answer should be limited to **1000** words.*

1. What is Statistics ? Explain its uses and limitations in social sciences.

2. Give an account of how to represent data.

3. Calculate the median from the following data :

Weight in gms	410-419	420-429	430-439	440-449	450-459	460-469	470-479
No. of apples	14	20	42	54	45	18	7

4. Calculate the mean and standard deviation of the following frequency distribution of marks.

Marks	0-10	10-20	20-30	30-40	40-50	50-60	60-70
No. of students	5	12	30	45	50	37	21

5. Calculate the Spearman's rank correlation for the following :
   Two men were asked to rank 7 different types of shoes. The ranks given by them are given below.

Shoes	A	B	C	D	E	F	G
Ramu	2	1	4	3	5	7	6
Babu	1	3	2	4	5	6	7

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6. Analyse the relative merits and demerits of Central Tendency.

7. Compute the Quartile deviation and it's co-efficient from the following data :

x	10-20	20-30	30-40	40-60	60-70	70-80
f	12	19	5	10	9	6

8. Explain the uses and advantages of computer in statistical analysis in social research.

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