Reg. No. . ...

Name : ....

Third Semester M.A. Degree Examination, January 2017
Branch : Sociology
(2013 Admission)
SO 233 – SOCIAL STATISTICS

Time : 3 Hours

Max. Marks : 75

PART – A

Answer **all** questions. Define or explain in **not** more than **50** words **each. Each**
question carries **2** marks.   **(10×2=20 Marks)**

1. Explain the meaning of Research.

2. What is standard deviation ?

3. Describe the meaning of dispersion.

4. Define the significance of pie-chart in social statistics.

5. Compute the mean deviation for the following data :

Class Interval	0 – 9	10 – 19	20 – 29	30 – 39	40 – 49	50 – 59	60 – 69	70 – 79
Frequency	3	7	13	27	30	12	10	8

6. Write a note on chi-square test.

7. Define correlation.

8. Explain mode in social statistics.

9. Explain SPSS.

10. Explain scatter diagram.

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PART – B

Answer **any five** of the following questions in **not** more than **250** words each. **Each** question carries **5** marks. **(5×5=25 Marks)**

11. Describe the important dimensions of descriptive research design.

12. Write briefly about different types of scales in social research.

13. What is correlation ? What are its uses ?

14. Explain the uses of diagrammatic and graphic presentation of data.

15. Compute quartile deviation from the following data.

X	10 – 20	20 – 30	30 – 40	40 – 60	60 – 70	70 – 80
f	12	19	5	10	9	6

16. Define regression analysis.

17. Elaborate the sources of hypothesis with suitable examples.

18. What is Quartile deviation ?

PART – C

Answer **any two** of the following questions in **not** more than **1200** words each. **Each** question carries **15** marks. **(2×15=30 Marks)**

19. Discuss the uses of social statistics in social research.

20. Calculate the mean deviation from the data given below :

Daily Expenditure in Rs.	0 – 30	30 – 60	60 – 90	90 – 120	120 – 150
No. Families	10	15	25	32	24

21. Define arithmetic mean, median and mode and describe their relative merits and demerits.

22. Describe the uses of internet in social science research.

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