



Reg. No. :

Name :

Third Semester M.A. Degree Examination, February 2015
Branch : SOCIOLOGY
(2013 Admission)
SO 233 : Social Statistics

Time: 3 Hours

Max. Marks : 75

PART - A

Answer **all** questions :

Define or explain the following in not more than **50** words **each**. **Each** question carries **2** marks.

1. Dispersion
2. Mode
3. Bivariate analysis
4. Interval variables
5. T-distribution
6. Association
7. Harmonic mean
8. Dispersion
9. Frequency distribution
10. Oneway Table. **(10×2=20 Marks)**



PART – B

Answer **any five** of the following questions in not more than **250 words each**. Each question carries **5 marks**.

11. Distinguish between histogram and polygon.
12. Define Pie-Chart and discuss its uses in social research.
13. Explain different measures of Dispersion.
14. Calculate mean and mode from the following data of the heights (in inches) of a group of students :

60 63 63 65 62 65 65 60 64 65 66 61 66 62 62

15. Define Quartile Deviation and find the Quartile Deviation and its Co-efficient from the following data, relating to the daily wages of seven labourers.

Daily wages : 350 500 600 450 400 475 550.

16. Explain the features and functions of SPSS.
17. Describe the process of using the tests of significance in large and small samples.
18. Explain the term correlation and discuss the measures of correlation. **(5×5=25 Marks)**

PART – C

Answer **any two** of the following questions in not more than **1200 words each**. Each question carries **15 marks**.

19. Discuss the role of IT in social science research.
20. Explain different types of scales with suitable examples.
21. Calculate Karl Pearson's Coefficient of correlation for the following data :

X : 73 52 69 67 74 65 65 66 69

Y : 130 120 119 123 140 129 111 123 126

22. Describe the procedure and principles of drawing graphs and diagrammes in social science research.

(2×15=30 Marks)