SECOND SEMESTER M.S.W. DEGREE EXAMINATION, JULY/AUGUST 2003

SOCIAL WORK RESEARCH AND STATISTICS

Time : Three Hours   Maximum : 75 Marks

Part I

Answer any **five** *questions.*
Each answer limited to 300 words.
Each question carries 6 marks.

1. What do you understand by inductive and deductive method ?

2. How do you arrive at a research problem ?

3. Define Statistics and outline its utility and limitations in social work research.

4. What is the importance of Pilot study ?

5. Outline the uses of Graphs and Diagrams.

6. How is Social work research different from Sociological research ?

7. Discuss the application of Quartile Deviation and Standard Deviation in social work research.

8. Explain case study in research.

(5 × 6 = 30 marks)

Part II

Answer any **three** *not exceeding 1,200 words.*
Each question carries 15 marks.

9. Discuss the testing of Hypothesis.

10. Explain how correlation coefficient is used to study the relationship between variables. Discuss the relevance of co-efficient of variation.

11. The following table gives the sex of high school smokers and non-smokers. Find out the relationship between Sex and Smoking for the data and what do you draw from the results. Table value for 1 d.f. at 0.05 level is 3.841 :—

	Male	Female
Smokers	12	8
Non–smokers	12	28

12. Prepare a research proposal in the area of child welfare pointing out the significance of the study, the objectives, the tools of data collection and the sampling techniques.

13. What are the characteristics of a good sample and discuss the different types of sampling ?

(3 × 15 = 45 marks)