

**STELLA MARIS COLLEGE (AUTONOMOUS) CHENNAI – 600 086**  
**(For candidates admitted during the academic year 2019–2020 & thereafter)**  
**SUBJECT CODE: 19SW/PC/SR24**

**M.S.W. DEGREE EXAMINATION APRIL 2023**  
**SOCIAL WORK**  
**SECOND SEMESTER**

**COURSE : CORE**  
**PAPER : SOCIAL WORK RESEARCH AND STATISTICS**  
**TIME : 3 HOURS** **MAX. MARKS: 100**

**SECTION – A**

**ANSWER ALL QUESTIONS. EACH ANSWER NOT TO EXCEED 50 WORDS:**

**(10x2=20)**

1. What is the basic element of the Scientific method?
2. Define Social Work Research.
3. Differentiate Quantitative from Qualitative research?
4. List out the types of Hypotheses?
5. What is the meaning of Research Design?
6. State any four methods of Non-Random Sampling?
7. What is participant observation?
8. What is PRA?.
9. What is the normal distribution in statistics?
10. Find out the Range and its coefficient from the following data.  
10, 9, 12, 17, 15, 5, 10, 13

**SECTION – B**

**ANSWER ANY FOUR QUESTIONS. EACH ANSWER NOT TO EXCEED 600 WORDS:**

**(4x10=40)**

11. Outline the basic elements of the scientific method and their importance in social work research.
12. Trace out any two types of research designs used in Social Work Research, their applications and limitations.
13. Discuss the methods and tools used for collecting data in Social Work Research.
14. Highlight the nature of qualitative research, its assumptions, characteristics and the tools used for data collection.
15. Briefly explain different measures of central tendency and explain their uses in social work research.
16. From the following data Calculate Standard Deviation.

<b>CI</b>	10 – 20	20 – 30	30 – 40	40 – 50	50 – 60	60 - 70
<b>F</b>	5	9	13	21	20	15

**SECTION – C**

**ANSWER ANY TWO QUESTIONS. EACH ANSWER NOT TO EXCEED 1200 WORDS:**

**(2x20=40)**

17. Discuss in detail the process of Social Work Research with suitable illustrations.
18. Elucidate the types of Probability Sampling methods with an example?

19. Write an essay on Steps of Data Processing in Social Work Research.
20. A certain drug is claimed to be effective in curing cold in an experiment n 500 persons with cold, half of them were given the drug and half of them were given the sugar pills.

The patients' reactions to the treatment are recorded in the following table.

Treatment	Helped	Harmed	No Effect	Total
Drug	150	30	70	250
Sugar Pills	130	40	80	250
Total	280	70	150	500

on the basis of the data can it be concluded that there is significant difference in the effect of the drug and the sugar pills? (Table Value = 5.99 at 5 % level).

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