

STELLA MARIS COLLEGE (AUTONOMOUS) CHENNAI – 600 086
(For candidates admitted from the academic year 2023 – 2024)

M.S.W. DEGREE EXAMINATION – APRIL 2024
SOCIAL WORK
SECOND SEMESTER

COURSE : CORE
PAPER : SOCIAL WORK RESEARCH AND STATISTICS
SUBJECT CODE : 23SW/PC/SR24
TIME : 3 HOURS **MAX. MARKS: 100**

Q. No.	SECTION A Answer all in 50 words each (4 x 2 = 8 marks)	CO	KL														
1	Describe the basic elements of the Scientific method.	1	1														
2	List two objectives of Social Work Research.	1	1														
3	Identify two uses of quantitative research.	1	1														
4	Define Snow Ball Sampling method.	1	1														
Q. No.	SECTION B Answer all in 75 words each (4 x 3=12 marks)	CO	KL														
5	Differentiate Probability and Non-probability sampling methods	2	2														
6	Explain the applications of Descriptive Research Design	2	2														
7	Illustrate the process of Data processing.	2	2														
8	Calculate Range for the following data. <div style="display: flex; justify-content: space-around; text-align: center;"> 78 79 82 85 96 74 68 81 </div> <div style="display: flex; justify-content: space-around; text-align: center;"> 90 88 54 90 64 80 48 75 </div> <div style="display: flex; justify-content: space-around; text-align: center;"> 83 95 87 77 76 72 55 63 </div>	2	2														
Q. No.	SECTION C Answer 2 out of 4 questions in 300 words each (2 x 8= 16 marks)	CO	KL														
9	Present the ethical considerations involved in Social Work Research.	3	3														
10	Present the Reliability and Validity of data and its uses.	3	3														
11	Relate the characteristics and assumptions underlying Qualitative research.	3	3														
12	Calculate the Mean Height of the following data. <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>Height</td> <td>60</td> <td>63</td> <td>62</td> <td>64</td> <td>65</td> <td>66</td> </tr> <tr> <td>No.of Person</td> <td>04</td> <td>05</td> <td>07</td> <td>06</td> <td>09</td> <td>10</td> </tr> </table>	Height	60	63	62	64	65	66	No.of Person	04	05	07	06	09	10	3	3
Height	60	63	62	64	65	66											
No.of Person	04	05	07	06	09	10											
Q. No.	SECTION D Answer 2 out of 4 questions in 400 words each (2 x 12= 24 marks)	CO	KL														

13	Analyze the various types of research designs used in Social Work Research, highlighting their strengths and weaknesses.	4	4														
14	Appraise the process of Data collection in Quantitative research methods.	4	4														
15	Distinguish Type I and Type II errors and its use in research	4	4														
16	The following is the age distribution of 100 persons. Calculate the Arithmetic Mean.	4	4														
	<table border="1"> <tr> <td>Class Interval</td> <td>0 – 10</td> <td>10 – 20</td> <td>20 – 30</td> <td>30 – 40</td> <td>40 – 50</td> <td>50 – 60</td> </tr> <tr> <td>Frequency</td> <td>5</td> <td>10</td> <td>25</td> <td>30</td> <td>20</td> <td>10</td> </tr> </table>	Class Interval	0 – 10	10 – 20	20 – 30	30 – 40	40 – 50	50 – 60	Frequency	5	10	25	30	20	10		
Class Interval	0 – 10	10 – 20	20 – 30	30 – 40	40 – 50	50 – 60											
Frequency	5	10	25	30	20	10											
Q. No.	SECTION E Answer 1 out of 2 questions in 1000 words (1 x 20 =20 marks)	CO	KL														
17	Justify the importance of proper Sampling techniques and explain the types of Probability Sampling methods.	5	5														
18	Explain the different Scaling techniques and evaluate its role in social work research.	5	5														
	SECTION E Answer 1 out of 2 questions in 1000 words (1 x 20 =20 marks)	CO	KL														
19	Prepare a tentative Interview Schedule for the study on “Psycho-Social Challenges faced by Women Workers in Construction Industries.”	5	6														
20	From the data given below about the Social Network Users of 250 patients suffering from Psychological Problems, state whether the Female Addict is superior to the Male Addict by applying Chi-square test. (Table value for 1 df at 5% level = 3.84).	5	6														
	<table border="1"> <tr> <td rowspan="2">Social Network Users</td> <td colspan="2">Psychological Problems</td> </tr> <tr> <td>Facing</td> <td>Not Facing</td> </tr> <tr> <td>Female Addict</td> <td>140</td> <td>30</td> </tr> <tr> <td>Male Addict</td> <td>60</td> <td>20</td> </tr> </table>	Social Network Users	Psychological Problems		Facing	Not Facing	Female Addict	140	30	Male Addict	60	20					
Social Network Users	Psychological Problems																
	Facing	Not Facing															
Female Addict	140	30															
Male Addict	60	20															
