

STELLA MARIS COLLEGE (AUTONOMOUS) CHENNAI – 86
 (For candidates admitted during the academic year 2011 –2012 & thereafter)

SUBJECT CODE: 11SW/PC/SR24

M.S.W. DEGREE EXAMINATION APRIL 2015
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. Differentiate between Type I and Type II errors.
2. What is meant by snowball sampling?
3. Spell out the null and research hypotheses for any two variables of your choice.
4. List any two objectives of social work research.
5. Highlight any two differences between quantitative and qualitative research.
6. What is a questionnaire?
7. Trace the characteristics of a normal distribution.
8. The chi-square value to test the association between age and vulnerability is 15.75 and the Degrees of freedom is one. An extract of the table values of chi-square is given below. Draw the conclusion.

df	p value											
	0.25 25%	0.2 20%	0.15 15%	0.1 10%	0.05 5%	0.025 2.5%	0.02 2%	0.01 1%	0.005 0.05%	0.0025 0.025%	0.001 0.01%	0.0005 0.005%
1	1.32	1.64	2.07	2.71	3.84	5.02	5.41	6.63	7.88	9.14	10.83	12.12
2	2.77	3.22	3.79	4.61	5.99	7.38	7.82	9.21	10.6	11.98	13.82	15.2
3	4.11	4.64	5.32	6.25	7.81	9.35	9.84	11.34	12.84	14.32	16.27	17.73
4	5.39	5.59	6.74	7.78	9.49	11.14	11.67	13.23	14.86	16.42	18.47	20

9. Interpret the following correlation values.
 - a) $r = -0.25$
 - b) $r = 0$
 - c) $r = 0.90$
 - d) $r = -1$

10. What is meant by range? Calculate range for the following data:

<u>Class interval</u>	<u>10-20</u>	<u>20-30</u>	<u>30-40</u>	<u>40-50</u>	<u>60-70</u>
<u>Frequency</u>	<u>3</u>	<u>15</u>	<u>3</u>	<u>7</u>	<u>11</u>

SECTION – B

ANSWER ANY FOUR QUESTIONS. EACH ANSWER NOT TO EXCEED 600 WORDS: (4x10=40)

- 11. Discuss the concept and uses of focus group discussions.
- 12. Elucidate the levels of measurement. Illustrate with examples.
- 13. Describe the various probability sampling methods. Illustrate with examples.
- 14. Describe the ethical principles of social work research.
- 15. Write short notes on experimental and evaluative research designs.
- 16. Discuss the applications of (a) tests of differences and (b) regression.

SECTION – C

ANSWER ANY TWO QUESTIONS. EACH ANSWER NOT TO EXCEED 1200 WORDS: (2x20=40)

- 17. Calculate mean, median and mode for the following data.

<u>Class interval</u>	<u>0-5</u>	<u>5-10</u>	<u>10-15</u>	<u>15-20</u>	<u>20-25</u>	<u>25-30</u>
<u>Frequency</u>	<u>11</u>	<u>7</u>	<u>8</u>	<u>20</u>	<u>3</u>	<u>6</u>

- 18. Describe the meaning and structure of a research proposal.
- 19. Discuss the functions of review of literature. What are the do's and don'ts for a good review of literature.
