

STELLA MARIS COLLEGE (AUTONOMOUS), CHENNAI – 600 086
(Effective from the academic year 2020 – 2021)
DEPARTMENT OF SOCIAL WORK

END SEMESTER EXAMINATION
MAY 2021

CODE: 19SW/PC/SR24
PAPER: SOCIAL WORK RESEARCH AND
STATISTICS

COURSE: MSW – I YEAR
Max Marks -50
Time –1 ½ Hours

SECTION A

Answer ALL. Answer should not exceed 50 words **(5X2=10 marks)**

1. Define - science.
2. Which research design is called as “social microscope”?
3. What do you mean test-retest reliability?
4. Name two independent variables that influence dependent variable, i.e. income.
5. Give income data with class interval.

SECTION B

Answer any TWO. Answer should not exceed 600 words **(2X10=20 marks)**

6. In a study on morale among social workers in two different kinds of agencies, one is composed of public assistance agencies; the other is composed of family service agencies. How can you assess morale among social workers? Discuss some of the reliability problems in assessing them.
7. Explain interview guide? Construct interview guide for the frontline workers who deliver services for COVID 19 patients?
8. Blood serum cholesterol levels of 10 persons are as follows: 240, 260, 290, 245, 255, 288, 272, 263, 277, 251. Calculate standard deviation with the help of assumed mean.

SECTION C

Answer any ONE. Answer should not exceed 1200 words **(1X20=20 marks)**

9. Plan a research project on social stigma and mental health of health care personnel involved in management of COVID 19 patients in Tamil Nadu.
10. From the data given below about the treatment of 250 patients suffering from COVID 19, state whether the new treatment superior to the conventional treatment.

Treatment	Favourable	No. of patients not favourable	Total
New	140	30	170
Conventional	60	20	80
Total	200	50	250

(Given for degrees of freedom = 1, chi-square 5 per cent = 3.84)

H₀: There is no significant difference between the new and conventional treatment.