



LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

M.A. DEGREE EXAMINATION – SOCIAL WORK

SECOND SEMESTER – APRIL 2014

SW 2812 - SOCIAL WORK RESEARCH & STATISTICS

Date : 01/04/2014
Time : 09:00-12:00

Dept. No.

Max. : 100 Marks

SECTION A

Answer all questions, each question in not more than 50 words.

10 x 2 = 20

1. Outline the features of a Hypothesis.
2. Elucidate the types of variables with examples.
3. What is triangulation?
4. Give an example of deductive research statement.
5. Mention any two objectives of social work research.
6. Explain central tendencies with examples.
7. State any four uses of a probability curve.
8. What is a parametric test?
9. How is a test of association different from a test of significance?
10. What is meant by the term discrete series?

SECTION B

Answer any four questions, each question in not more than 300 words.

4 x 10 = 40

11. What are the steps involved in problem formulation?
12. Write short notes on: Objectivism, Epistemology, Positivism and Interpretivism.
13. With the help of examples differentiate between qualitative and quantitative tools.
14. Calculate the mean, Median and Mode of the Following Data

Marks	5	10	15	20	25	30	35	40	45	50
No. of students	20	43	75	76	72	45	39	9	8	6

15. Calculate the standard deviation for the scores obtained by the students in the final exam: 70, 50, 62, 66, 53, 69, 55
16. Write a short note on reliability and validity.

SECTION C

Answer any two questions, each in not more than 600 words.

2 x 20 = 40

- 17. Design a research project to study the awareness of Alcoholism among college students. Pay specific attention to the ethical guidelines, objective conceptualization, design, sampling and the tools.

- 18. Explain probability and non probability sampling techniques with examples.

- 19. Using the ANOVA calculate the significance.

Group A	Group B	Group C
4	5	5
5	4	4
6	3	2
7	2	3
8	4	7

- 20. With the help of Chi Square test calculate the following:

Opinion	Strongly agree	Agree	No opinion	Disagree	Strongly disagree
Scores	10	12	06	12	10
