



LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

M.A. DEGREE EXAMINATION – SOCIAL WORK

SECOND SEMESTER – APRIL 2016

SW 2812 - SOCIAL WORK RESEARCH & STATISTICS

Date: 20-04-2016
Time: 01:00-04:00

Dept. No.

Max. : 100 Marks

Section – A

10x 2=20 Marks

Answer each question; each question is not more than 50 words.

1. What is Secondary Source in Research?
2. Define Applied Research.
3. What are the ethics in research?
4. Define exploratory design.
5. What is Ontology?
6. What is dependent and independent variable?
7. What is non-probability sampling?
8. Name any two statistical software for research
9. What is the Likert scale?
10. Define mode.

Section - B

4x 10 = 40 Marks

Answer any four questions; each question is not more than 300 words

11. Explain inductive and deductive research with illustrations.
12. Evidence based research is a challenge- Justify?
13. What do you mean by Objectivism and constructivism? Give examples.
14. A study was conducted to identify the interest of students in using social media for research. Find out the standard deviation of the respondents from the following data.

Age (in years)	18-20	21-23	24-26	27-29	30-32
Frequency	5	14	4	3	3

15. Calculate the mean, median mode of the following data.

18, 24,17,21,24,16,29,18

16. Children of three ages are asked to indicate their preference for three photographs of adults. Do the data suggest that there is a significant relationship between age and photograph preference? Using Chi Square test, what is the level of significance?

Photograph	A	B	C
Age of child			
5 -6 years	18	22	20
7 -8 years	2	28	40
9 -10 years	20	10	40

Section – C

2x20= 40Marks

Answer any two questions; each question is not more than 600 words.

- 17. Write an essay on sampling technique with examples.
- 18. You are invited to design an evaluation of the flood relief work that was undertaken in Rajiv Gandhi Nagar. Submit a proposal for the study.
- 19. Find out the mean, median, mode and standard deviation of the following data
22, 21, 23,24, 26, 25, 28,29,32, 34
- 20. A study was conducted to find out the effectiveness of the remedial coaching in a college. From the following data find out the effectiveness using a T. Test

After	45	38	52	48	25	39	51	46	55	46
Before	34	22	15	27	37	41	24	19	26	36
