



LOYOLA COLLEGE (AUTONOMOUS) CHENNAI – 600 034

B.A. DEGREE EXAMINATION – SOCIOLOGY

FIFTH SEMESTER – NOVEMBER 2024

USO 5501 – RESEARCH METHODS AND STATISTICS



Date: 07-11-2024

Dept. No.

Max. : 100 Marks

Time: 09:00 am-12:00 pm

SECTION A - K1 (CO1)

Answer ALL the Questions

(10 x 1 = 10)

1. Definitions

a) Concept

b) Sampling

c) Case study

d) Tabulation

e) Bibliography

2. Fill in the blanks

a) In _____ method, the whole nation or state or city may be covered.

b) _____ is the first-hand information that provide direct insights into the research.

c) _____ is a method of data collection which studies people and culture in their natural environment.

d) _____ is the formula to calculate median in continuous series.

e) _____ is used to determine the feasibility of conducting large scale study.

SECTION A - K2 (CO1)

Answer ALL the Questions

(10 x 1 = 10)

3. Differentiate

a) Induction and deduction.

b) Basic and applied research.

c) Qualitative and quantitative research.

d) Formula to calculate mean and median in continuous series.

e) Footnotes and Endnotes.

4. Match the following

a) Inductive explanation - Hypothesis testing

b) Case studies - Non-probability Sampling

c) Pilot study - Method of reasoning

d) Tabulation - Qualitative research

e) Snowball - Data analysis

SECTION B - K3 (CO2)

Answer any TWO of the following in 600 words each.

(2 x 10 = 20)

5. Highlight the objectives and ethics in social research.

6. Delineate the important non-probability sampling methods.

7. Examine any two methods of qualitative data collection.

8.	Illustrate ethnography and participant observation.									
SECTION C – K4 (CO3)										
Answer any TWO of the following in 600 words each										(2 x 10 = 20)
9.	Examine the characteristics of social research.									
10.	Categorize and explain any four research designs.									
11.	Explain case study method of data collection.									
12.	Calculate mean and median for the following data:									
	X	9	20	25	40	50	80			
	F	4	6	16	8	7	2			
SECTION D – K5 (CO4)										
Answer any ONE of the following in 1000 words										(1 x 20 = 20)
13.	Calculate median and mode for the following data:									
	X	0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45
	F	29	195	241	117	52	10	6	3	2
14.	Explain the various stages in social research with the help of a flow diagram.									
SECTION E – K6 (CO5)										
Answer any ONE of the following in 1000 word										(1 x 20 = 20)
15.	Create a research proposal on any topic of your interest.									
16.	Examine the major elements of a research report.									
