

SRI VENKATESWARA UNIVERSITY
B.A. POPULATION STUDIES SYLLABUS
Skill Enhancement Course for V Semester
(Syllabus-Curriculum)
w.e.f. 2025-26

6B: METHODS OF DATA COLLECTION

Learning Outcomes:

By successful completion of the Course, students will be able to:

1. Understand the concept and types of data collection
2. Acquire knowledge on tools of data collection and development planning
3. Gain knowledge on methods of sampling
4. Gain knowledge on Analysis and Tabulation of Data

Unit – I: Importance of Collection of Data, Primary and secondary methods of data collection; Qualitative and Quantitative data

Unit –II: Data collection in Development Planning
National Sample Survey, Census operations, National Family and Health Survey

Unit –III: Various methods of Data collection
Use of Open and Close ended questions
Data collection techniques: Interview, Questionnaire, Schedule construction of schedule and questionnaire, qualities of a good schedule and questionnaire and Observation.

Unit – IV: Selection of Sample and methods of Sampling,
Sampling, Rationale, characteristics- meaning, concept of population and sample, and utility.
Types of sampling: Probability sampling- simple random sample, systematic random sample, stratified random sampling and Cluster Sampling
Non-probability sampling: purposive samples, incidental samples, quota samples, snowball samples.

Unit – V: Analysis and Tabulation of Data, Classification of Data and Variables, Tabulation and use of Computers

Co-curricular Activities Suggested (10 Hrs.)

1. Assignments, Group discussions and Quiz programs
2. Field visits to local areas for collection of data
3. Invited lecturers by Project Implementing Agencies (PIAs)
4. Preparation of project report

Reference books

1. Kothari, C.R. 1997. Research Methods: Methods and Techniques. Delhi: Wishwa Prakasan
2. Werner, O and Schoepfle. G. M. 1987. Systematic field work (Vol.1) Foundations of ethno9graphy Interviewing. Newbury Park: C.A. sage Publications.
3. Thomas, D.H. 1976. Figuring Anthropology: first Principles of Probability and Statistics. New York: Holt, Rinehart and Winston.
4. Danda, A. Research methodology in Anthropology. Inter India , New Delhi

SVU V SEMESTER SYLLABUS-2025-2026
POPULATION STUDIES (MINOR)
FIFTH SEMESTER
MODEL QUESTION PAPER
6B-METHODS OF DATA COLLECTION

Time:3 hours

Marks:75marks

Note: This question paper contains two parts A and B.
Part A is compulsory which carries 25 marks. Answer any five of the following questions in Part A.
Part B consists of 5 Units. Answer any one full question from each unit. Each question carries 10 marks

PART-A

Answer any Five of the following question. (5X5=25M)

1.	
2.	
3.	
4.	
5.	
6.	
7.	
8.	
9.	
10.	

11.		(A) OR (B)
12.		(A) OR (B)
13.		(A) OR (B)
14.		(A) OR (B)
15.		(A) OR (B)

SRI VENKATESWARA UNIVERSITY
B.A. POPULATION STUDIES SYLLABUS
Skill Enhancement Course for V Semester
(Syllabus-Curriculum)
W.E.F.2025-26
7B: STATISTICAL TOOLS OF DATA

Learning Outcomes:

Upon successful completion of the course, a student will be able to:

1. Gain knowledge on the concepts related to statistical tools.
2. Understand the concepts like image data representation.
3. Understand the different types of data analysis and report writing
4. Gain knowledge on measures of central tendency and dispersion

Unit – I

Meanings, Definitions and Applications of Statistics, Measurements and Scale, descriptive statistics, inferential statistics: Uses and limitations Summation sign and its properties, Proportions, percentages, ratios.

Unit-II

Representation of Data- I (Diagrammatical representation):
Frequency distribution, Tabulation of data, Diagrammatical
Representation of data, Bar diagram, Multiple bar diagram, Divided bar diagram,
Percentage bar diagram, Pie chart, Pictogram, leaf chart,
Representation of Data- I (Graphical representation):
Graphical representation of frequency distribution, Histogram, Frequency polygon,
Frequency curve, Ogive.

Unit – III

Measures of Central Tendency
Types of measures of central tendency, Arithmetic mean, Geometric mean, Harmonic mean, Median, Mode

Unit – IV

Measures of Dispersion: Types of measures of Dispersion, Range, Mean Deviation, Quartile deviance, Standard deviation, Co-efficient of variation.

Unit - V

Data Analysis and report writing: a) Nature and propose of analysis tabulation, Editing and Coding, Statistical analysis and inferences.
b) Report Writing: Purpose, structure, and writing style of a research report.

Co-curricular Activities Suggested (10 Hrs.)

1. Assignments, Group discussions and Quiz programs
2. Calculation of measures of Central tendency and Dispersion
3. Preparation of tools and tabulation
4. Graphical representation of data

Reference

1. Blalock Hubert, 1984. Social Statistics, 2 nd Edition., New York: Mc Graw Hill Book Company.
2. Cochran, W.C., 1963: Sampling Techniques, (second edition), New York: John Wiley and Sons.
3. Snedecor, George W and William G. Cochren, 1967. Statistical Methods, 6th Edition, New Delhi.. Oxford & IBH Publishing Company.
4. Ihance, D.N. 1971. Fundamentals of Statistics, Allahabad: Kitab Mahal.
5. Goor A.M., M.K. Gupta and D. Das Gupta, 1966. Basic Statistics, World Press.
6. Goon, A.M., Gupta, M.K and Das gupta, B., 1985. An Outline of Statistical Theory, Vol. I&II, Calcutta: The World Press Private Ltd,.
7. Gopal K. Kanji, 1993, 100 Statistical Tests, New Delhi: Sage Publications.
8. Gowri, K. Bhattacharya and Richard A. Johnson, 1977. Statistical Concepts and Methods, New York: John Wiley & Sons.
9. Gupta, S.Q 1987. Fundamental of Statistics, Bombay. Himalaya Publishing House.

SVU V SEMESTER SYLLABUS-2025-2026
PAPULATION STUDIES (MINOR)
FIFTH SEMESTER
MODEL QUESTION PAPER
7B-STATISTICAL TOOLS OF INDIA

Time:3 hours

Marks:75marks

Note: This question paper contains two parts A and B.
Part A is compulsory which carries 25 marks. Answer any five of the following questions in Part A.
Part B consists of 5 Units. Answer any one full question from each unit. Each question carries 10 marks

PART-A

Answer any Five of the following question. (5X5=25M)

1.	
2.	
3.	
4.	
5.	
6.	
7.	
8.	
9.	
10.	

11.		(A) OR (B)
12.		(A) OR (B)
13.		(A) OR (B)
14.		(A) OR (B)
15.		(A) OR (B)

SVU V SEMESTER SYLLABUS-2025-2026
POPULATION STUDIES (MINOR)
THIRD SEMESTER
MODEL QUESTION PAPER
PAPER 2 POPULATION CONCEPTS, MEASURE AND POPULATION
GROWTH

Time:3hoursMarks:75marks

Note: This question paper contains two parts A and B.
Part A is compulsory which carries 25 marks. Answer any five of the following questions in Part A.
Part B consists of 5 Units. Answer any one full question from each unit. Each question carries 10 marks

PART-A
Answer any Five of the following question. (5X5=25M)

1.	
2.	
3.	
4.	
5.	
6.	
7.	
8.	
9.	
10.	

11.		(A) OR (B)
12.		(A) OR (B)
13.		(A) OR (B)
14.		(A) OR (B)
15.		(A) OR (B)