

CHHATRAPATI SHAHU JI MAHARAJ UNIVERSITY, KANPUR, UP - 208024

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Paper – 4th

Research Methods in Education (General Perspectives, MED 104)

Topic - Types of Probability Sampling: Cluster & Multistage



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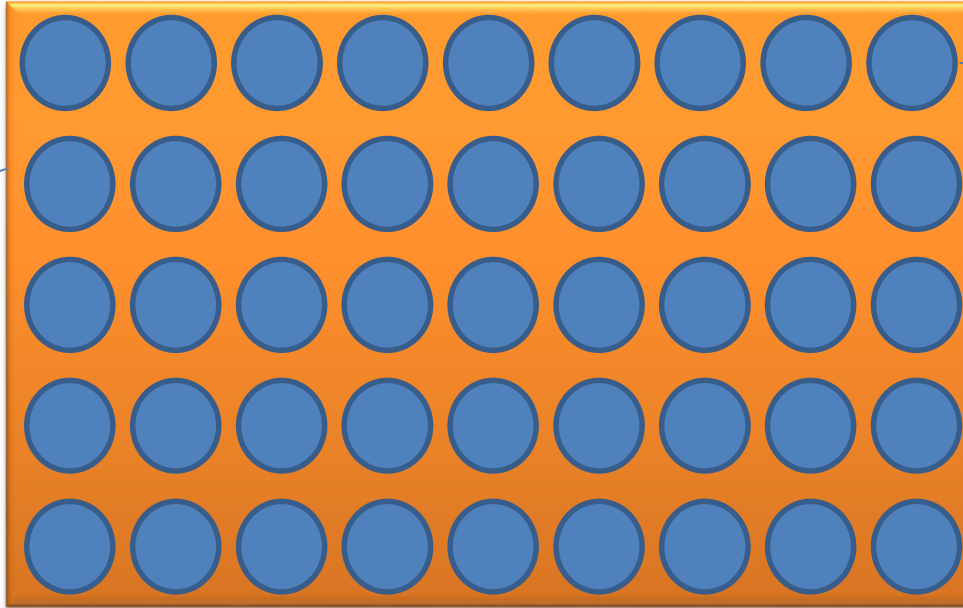
Department of Education

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Probability Sampling

Cluster Sampling

State of UP



Districts of UP
Total - 75

Select 20
Districts

Take all class X students
Studying in the 20
Selected Districts

A study of Creativity in relation to their Intelligence and Stress
of Class X students of UP

Probability Sampling

Cluster Sampling: Definition

“Cluster Sampling, mostly used methods in surveys in the successive random sampling of units or sets of subsets”

- Kerlinger

→ Originated from Agricultural Research

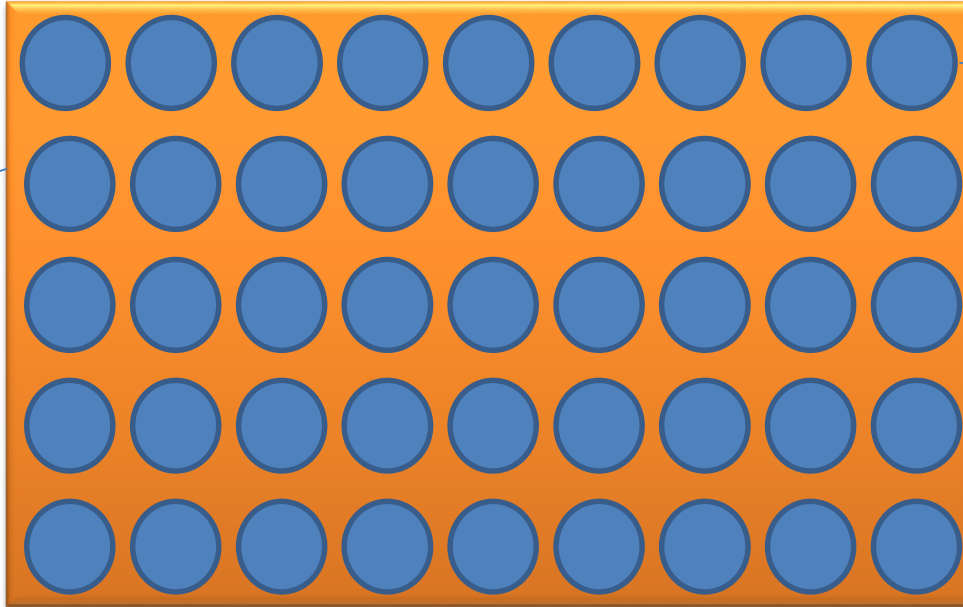
→ This type of sampling used when the population is scattered

Example: Political Attitude

Probability Sampling

Multistage Sampling

State of UP



Districts of UP
Total - 75



Select 20
Districts Randomly



Select 500 Schools



Select 1000 students
From these Schools

A study of Creativity in relation to their Intelligence and Stress
of Class X students of UP

Probability Sampling

Population

Not Wide Spread

Homogeneous

Simple Random Sampling

Heterogeneous

- Stratified Random Sampling
Or
Proportionate
Stratified Random Sampling

Wide Spread

- Multistage Sampling
- Systematic Sampling

References

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