

## Pre-sem exam ty (2021-22)

sample survey analysis (Paper-12)

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\* Required

Email \*

Your email

Name

Your answer

The data obtained by conducting a survey is called:

- ☐ Secondary data
- ☐ Continuous data
- ☐ Qualitative data
- ☐ primary data



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Which of the following is a form of nonrandom sampling?

- ☐ Snowball sampling
- ☐ Convenience sampling
- ☐ Quota sampling
- ☐ All the above

"The process of selecting the sample from the population" is called

- ☐ scale
- ☐ standard error
- ☐ statistics
- ☐ sampling

The list of all units in a population is called

- ☐ Random sampling
- ☐ Sampling Frame
- ☐ bias
- ☐ parameter



Non Probability form of sampling is

- ☐ Random Sampling
- ☐ Non Random Sampling
- ☐ Probability Sampling
- ☐ Quota Sampling

Any numerical value calculated from sample data is called

- ☐ Error
- ☐ Statistic
- ☐ Bias
- ☐ Mean

In the systematic sampling, the value of k is classified as

- ☐ sampling interval
- ☐ sub stage interval
- ☐ secondary stage interval
- ☐ multistage interval



In systematic sampling, the population is 200 and the selected sample size is 50 then the sampling interval is

- ☐ 250
- ☐ 0.25
- ☐ 4
- ☐ 40

The type of sampling in which the desired and useful information is gathered from the best position holder is classified as

- ☐ quota sampling
- ☐ convenience sampling
- ☐ purposive sampling
- ☐ judgment sampling

parameter in statistics are fixed....

- ☐ Estimators
- ☐ Constants
- ☐ Objects
- ☐ Variables



The difference between a statistics and the parameter is called.....

- ☐ population size
- ☐ non random
- ☐ sampling error
- ☐ non sampling error

Number of sampling units in the sample is called.....

- ☐ population size
- ☐ sample size
- ☐ Universe
- ☐ None

The sample mean square is an ..... of the population

- ☐ biased estimate
- ☐ unbiased estimate
- ☐ statistics
- ☐ parameter

The following sampling methods, which is a probability method?

- ☐ Judgement
- ☐ Quota
- ☐ Simple random
- ☐ Convenience



In sampling with replacement, the following is always true:

- ☐  $n = N$
- ☐  $n < N$
- ☐  $n > N$
- ☐ All of the above

“Statistics are effected to a marked extend by .....”

- ☐ Aggregate of facts
- ☐ multiplicity of causes
- ☐ numerically stated
- ☐ complex manifestations

Neyman allocation is better than....

- ☐ systematic sampling
- ☐ proportional allocation
- ☐ both a & b
- ☐ none of this

Method of collecting information contain .....method

- ☐ 7
- ☐ 3
- ☐ 8
- ☐ 4



Sample proportion  $p$  is an unbiased estimate of.....

- ☐ population proportion
- ☐ sample mean
- ☐ population mean
- ☐ none of this

systematic sampling is better than.....

- ☐ simple random sampling
- ☐ stratified random sampling
- ☐ Neymans allocation
- ☐ All the above

Information that is represented usually as words, not numbers.

- ☐ Qualitative data
- ☐ Primary data
- ☐ Quantitative data
- ☐ Scientific data

A concept which can take on different quantitative value is called a \_\_\_\_\_.

- ☐ Variables
- ☐ Values
- ☐ Control groups
- ☐ Paradigm



The proportion of unit possesses the given attribute

- ☐ a/n
- ☐ A/N
- ☐ an
- ☐ AN

In simple random sampling  $E(s^2) = \dots$

- ☐  $s^2$
- ☐ sigma square
- ☐  $S^2$
- ☐ none of above

Data should be keeping in view the objective of the.....

- ☐ sample
- ☐ data
- ☐ survey
- ☐ none of this

..... Plays a very important role in large sample theory.

- ☐ hypothesis
- ☐ data
- ☐ standard error
- ☐ sample





Every element of sampling belonging to.....sampling.

- ☐ zero
- ☐ two
- ☐ one and only one
- ☐ three

Numerical descriptive measure calculate from a sample is called.....

- ☐ a parameter
- ☐ a statistics
- ☐ a population
- ☐ a sampling

There are..... types of sampling.

- ☐ 12
- ☐ 8
- ☐ 15
- ☐ 10

sample fraction is equal to.....

- ☐  $n/N$
- ☐  $N/n$
- ☐  $n.N$
- ☐  $cN$



Random sampling is also called.....

- ☐ probability sampling
- ☐ non sampling
- ☐ random error
- ☐ sampling error

sampling without replacement an element can be chosen?

- ☐ less than one
- ☐ more than one
- ☐ only one
- ☐ difficult to tell

..... means division into layers.

- ☐ statistics
- ☐ stratification
- ☐ sampling
- ☐ all the above

..... Is called wait of first stratum

- ☐  $P_i$
- ☐  $N_i/N$
- ☐ both
- ☐ none



variance of S.R.S. is..... than proportional allocation.

- ☐ greater
- ☐ less
- ☐ greater than and equal
- ☐ none of above

population mean is unbiased estimate of.....

- ☐ sample mean
- ☐ population mean
- ☐ both
- ☐ none

In S.R.S. any unit as of the remaining (N-1) unit in the second draw is.....

- ☐  $1/N+1$
- ☐  $1/N$
- ☐  $1/N-(i-1)$
- ☐  $1/N-1$

In optimum allocation, the fixed total size is.....

- ☐ n
- ☐ N
- ☐ n-1
- ☐ N-1



An attribute is a..... characteristics.

- ☐ quantitative
- ☐ qualitative
- ☐ both
- ☐ none of above

Variance of sample estimate of the population mean is..... to the sample size.

- ☐ equal
- ☐ greater
- ☐ Inversely proportional
- ☐ directly proportional

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