

# National Testing Agency

**Question Paper Name:** Research Methods In Population Studies  
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## Research Methods In Population Studies

**Group Number :** 1  
**Group Id :** 41652940  
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## Research Methods In Population Studies

**Section Id :** 41652940  
**Section Number :** 1  
**Section type :** Online  
**Mandatory or Optional:** Mandatory  
**Number of Questions:** 100  
**Number of Questions to be attempted:** 100  
**Section Marks:** 100  
**Display Number Panel:** Yes  
**Group All Questions:** No

**Sub-Section Number:** 1  
**Sub-Section Id:** 41652941  
**Question Shuffling Allowed :** Yes

**Question Number : 1 Question Id : 4165293241 Question Type : MCQ Option Shuffling : No Display Question Number : Yes**  
**Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

Calculate the Range for the following data-- 17,2,7,6,5,6,2

- a. 2
- b. 4
- c. 15
- d. 6

**Question Number : 2 Question Id : 4165293242 Question Type : MCQ Option Shuffling : No Display Question Number : Yes**  
**Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

The mean in countries

- a. The statistical or arithmetic average
- b. The middlemost score
- c. The most frequently occurring score
- d. The best representation for every set of data

**Question Number : 3 Question Id : 4165293243 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

The median is .....

- a. The middle point
- b. The highest number
- c. The average
- d. Affected by extreme scores

**Question Number : 4 Question Id : 4165293244 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

What is the median of the following set of scores?

- a. 10
- b. 6
- c. 18
- d. 9

**Question Number : 5 Question Id : 4165293245 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

As a general rule, the .....

- a. Mean
- b. Median
- c. Mode
- d. None of the option

**Question Number : 6 Question Id : 4165293246 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

Calculate the Range for the following data--

- a. 2
- b. 4
- c. 5
- d. 6

**Question Number : 7 Question Id : 4165293247 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

The mean is

- a. The statistical or arithmetic average
- b. The middlemost score
- c. The most frequently occurring score
- d. The best representation for every set of data

**Question Number : 8 Question Id : 4165293248 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

Measures of central tendency are

- a. Inferential statistics that identify the best single value for representing a set of data
- b. Descriptive statistics that identify the best single value for representing a set of data
- c. Inferential statistics that identify the spread of the scores in a data set
- d. Descriptive statistics that identify the spread of the scores in a data set

**Question Number : 9 Question Id : 4165293249 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

What is the median of the following set of scores?

- a. 10
- b. 14
- c. 18
- d. 12

**Question Number : 10 Question Id : 4165293250 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

The median is .....

- a. The middle point
- b. The highest number
- c. The average
- d. Affected by extreme scores

**Question Number : 11 Question Id : 4165293251 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

The child mortality rate concerns children who die before their:

- a. First birthday
- b. Third birthday
- c. Fifth birthday
- d. Tenth birthday

**Question Number : 12 Question Id : 4165293252 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

The death of a woman during or shortly after pregnancy is referred to as:

- a. Female mortality
- b. Birth mortality
- c. Infant mortality
- d. Maternal mortality

**Question Number : 13 Question Id : 4165293253 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

The population of India is approximately:

- a. Billion
- b. 1.2 Billion
- c. 1.7 Billion
- d. 2.7 Billion

**Question Number : 14 Question Id : 4165293254 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

Forced migrations across international borders create:

- a. International migrants
- b. Internal displacement
- c. Asylum seekers
- d. Refugees

**Question Number : 15 Question Id : 4165293255 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

The total fertility rate is

- The births to women of a given age divided by the total number of women at that age.
- The number of children a woman will likely bear in her lifetime.
- The number of births divided by the total population.
- The likelihood of having a birth in a given year

**Question Number : 16 Question Id : 4165293256 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

Which one of these is not a way of measuring central tendency ?

- Measuring the value that occurs most frequently (mode).
- Measuring the value, often known as the average, that includes all data values in its calculation (mean).
- Regression analysis.
- Measuring the middle value or mid-- point after the data have been ranked (median).

**Question Number : 17 Question Id : 4165293257 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

The mean is

- the statistical or arithmetic average
- the middlemost score
- the most frequently occurring score
- the best representation for every set of data

**Question Number : 18 Question Id : 4165293258 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

Measures of central tendency are

- inferential statistics that identify the best single value for representing a set of data
- descriptive statistics that identify the best single value for representing a set of data
- inferential statistics that identify the spread of the scores in a data set
- descriptive statistics that identify the spread of the scores in a data set

**Question Number : 19 Question Id : 4165293259 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

The mean of a sample is

- descriptive statistics that identify the spread of the scores in a data set
- always smaller than the mean of the population
- computed by summing the data values and dividing the sum by  $(n - 1)$
- computed by summing all the data values and dividing the sum by the number of items

**Question Number : 20 Question Id : 4165293260 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

What is the median of the following set of scores ?

- 10
- 14
- 18
- 12

**Question Number : 21 Question Id : 4165293261 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

Calculate the Range for the following data-- 7,2,7,6,5,6,2

- a. 2
- b. 4
- c. 5
- d. 6

**Question Number : 22 Question Id : 4165293262 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

A population consists of four observations: {1, 3, 5, 7}. What is the variance ?

- a. 2
- b. 5
- c. 6
- d. 8

**Question Number : 23 Question Id : 4165293263 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

A simple random sample consists of four observations: {1, 3, 5, 7}. Based on these sample observations, what is the best estimate of the standard deviation of the population ?

- a. 2
- b. 2.58
- c. 6
- d. 6.67

**Question Number : 24 Question Id : 4165293264 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

If the mean is 25 and standard deviation is 5 then coefficient of variation is --

- a. 25%
- b. 100%
- c. 20%
- d. None of the option

**Question Number : 25 Question Id : 4165293265 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

Quartile coefficient of skewness lies between

- a. -- 1 and +1
- b. 0 and 1
- c. -- 1 and 0
- d. None of the option

**Question Number : 26 Question Id : 4165293266 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

Which of the following is NOT a possible value of the correlation coefficient?

- a. Negative 0.9
- b. Positive 0.15
- c. Positive 1.5
- d. Negative .05

**Question Number : 27 Question Id : 4165293267 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

The percent of total variation of the dependent variable Y explained by the set of independent variables X is measured by

- a. Coefficient of Correlation
- b. Coefficient of Determination
- c. Coefficient of Skewness
- d. Standard error of estimate

**Question Number : 28 Question Id : 4165293268 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

When the correlation between two variables is perfect, then the value of coefficient of correlation ( $r$ ) is

- a.  $\pm 1$
- b. 0
- c. +1
- d. -- 1

**Question Number : 29 Question Id : 4165293269 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

Which of the following statements is true concerning correlation?

- a. A correlation is always between -- 2 and 2, a zero value indicates no clustering towards line
- b. A correlation is always between -- 1 and 1, a zero value indicates all points on line
- c. A correlation is always between -- 2 and 2, a zero value indicates all points on line
- d. A correlation is always between -- 1 and 1, a zero value indicates no clustering towards line

**Question Number : 30 Question Id : 4165293270 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

A coefficient of correlation is computed to be -- - 0.95 means that

- a. The relationship between two variables is negative.
- b. The relationship between two variables is strong and positive.
- c. The relationship between two variables is strong and negative.
- d. Correlation Coefficient cannot have this value.

**Question Number : 31 Question Id : 4165293271 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

If  $b = 0$  the line of best fit will conventionally be drawn .....

- a. Through the middle of the data points.
- b. As horizontal.
- c. As vertical.
- d. As provides the best fit to the scores.

**Question Number : 32 Question Id : 4165293272 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

The slope of the line is called:

- a. A correlation coefficient and indicates the variability of the points around the regression line in the scattergram
- b. A and is the point where the regression line cuts the vertical axis.
- c. B and gives us a measure of how much  $y$  changes as  $x$  changes.
- d. In linear regression a real line is drawn through the data points where total error is minimized.

**Question Number : 33 Question Id : 4165293273 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

The variable being predicted is called the:

- a. Criterion or y variable.
- b. Predictor variable or x.
- c. x
- d. Explanatory variable.

**Question Number : 34 Question Id : 4165293274 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

Which of the following is incorrect?

- a. In linear regression the line tells us by how much y is predicted to change as a result of a change in x.
- b. In linear regression the line of best fit maximises the distance between the scores and the regression line.
- c. In linear regression the line fits the data in the best place possible.
- d. In linear regression a real line is drawn through the data points where total error is minimized.

**Question Number : 35 Question Id : 4165293275 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

The regression line is drawn so that:

- a. The sum of the squared errors is as small as possible.
- b. The line goes through more points than any other possible straight line.
- c. The same number of points is below and above the regression line.
- d. The sum of the absolute errors is as small as possible.

**Question Number : 36 Question Id : 4165293276 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

Which of the following is not an appropriate source for academic research? 17,2,7,6,5,6,2

- a. An online encyclopedia
- b. A government-- based research organisation database
- c. A peer reviewed journal article
- d. A textbook

**Question Number : 37 Question Id : 4165293277 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

Interviewing all members of a given population is called:

- a. A census
- b. A Gallup poll
- c. A sample
- d. A Nielsen audit

**Question Number : 38 Question Id : 4165293278 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

Sample is a subset of:

- a. Population
- b. Data
- c. set
- d. Distribution

**Question Number : 39 Question Id : 4165293279 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

How often does the Census Bureau take a complete population count?

- a. Every year
- b. Every five years
- c. Every ten years
- d. Twice a year

**Question Number : 40 Question Id : 4165293280 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

A census taker often collects data through which of the following?

- a. Standardized tests
- b. Interviews
- c. Secondary data
- d. Observations

**Question Number : 41 Question Id : 4165293281 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

Which of the following terms best describes data that were originally collected at an earlier time by a different person for a different purpose?

- a. Primary data
- b. Secondary data
- c. Experimental data
- d. Field notes

**Question Number : 42 Question Id : 4165293282 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

Researchers use both open-- ended and closed-- - ended questions to collect data. Which of the following statements is true?

- a. Open-- ended questions directly provide quantitative data based on the researcher's predetermined response categories
- b. Closed-- ended questions provide quantitative data in the participant's own words
- c. Open-- ended questions provide qualitative data in the participant's own words
- d. Closed-- ended questions directly provide qualitative data in the participants' own words

**Question Number : 43 Question Id : 4165293283 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

Which of the following is not a major method of data collection?

- a. Questionnaires
- b. Focus groups
- c. Correlational method
- d. Secondary data

**Question Number : 44 Question Id : 4165293284 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

Which type of interview allows the questions to emerge from the immediate context or course of things ?

- a. Interview guide approach
- b. Informal conversational interview
- c. Closed quantitative interview
- d. Standardized open-- ended interview

**Question Number : 45 Question Id : 4165293285 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

When conducting an interview, asking "Anything else?, What do you mean?, Why do you feel that way?," etc, are all forms of:

- a. Contingency questions
- b. Probes
- c. Protocols
- d. Response categories



**Question Number : 46 Question Id : 4165293286 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

Which among the following countries has a better gender ratio than India?

- a. Bhutan
- b. Pakistan
- c. China
- d. Afghanistan

**Question Number : 47 Question Id : 4165293287 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

What is the overall literacy rate of India as per 2011 census?

- a. 74.04%
- b. 82.14%
- c. 76.06%
- d. 65.5%

**Question Number : 48 Question Id : 4165293288 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

Next to Delhi, which is the most populated Union Territory in India?

- a. Chandigarh
- b. Puducherry
- c. Daman and Diu
- d. Andaman and Nicobar

**Question Number : 49 Question Id : 4165293289 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

Which of the following States has the lowest literacy rate in India?

- a. Rajasthan
- b. Jharkhand
- c. Chhattisgarh
- d. Bihar

**Question Number : 50 Question Id : 4165293290 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

The population of which of the following States is greater than that of Delhi?

- a. Uttarakhand
- b. Assam
- c. Himachal Pradesh
- d. Jammu and Kashmir

**Question Number : 51 Question Id : 4165293291 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

Population projections are used for

- a. Central and local finance allocation;
- b. Informing the provision of nurseries or day care centers
- c. Housing and land use planning and health care planning
- d. All the above

**Question Number : 52 Question Id : 4165293292 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

Which of the following is true?

- a. Currently, Europe has the greatest percentage of its population aged 60 or over (24 per cent)
- b. The population aged 60 or above is growing at a rate of 3.26 per cent per year.
- c. By 2050, all major areas of the world except Africa will have nearly a quarter or more of their populations aged 60 or over.
- d. All the above

**Question Number : 53 Question Id : 4165293293 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

Which of the following are the key findings of the population projections?

- a. In July 2015, world population reached 7.3 billion. In 2015, 50.4 per cent of the world was male and 49.6 per cent was female.
- b. In the medium-variant projection, global fertility declines from 2.5 children per women in 2010-2015 to 2.25 children per women in 2045-2050 and 2.0 children per women in 2095-2100.
- c. Continued population growth until 2050 is almost inevitable, even if the decline of fertility accelerates.
- d. All of the option

**Question Number : 54 Question Id : 4165293294 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

Poverty is measured keeping the following points in mind

- a. Keeping Poor People on the Agenda
- b. Targeting Domestic and Worldwide Interventions
- c. Monitoring and Evaluating Projects and Policy Interventions
- d. All of the option

**Question Number : 55 Question Id : 4165293295 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

What is the most densely populated continent?

- a. Europe
- b. Africa
- c. Asia
- d. All of the option

**Question Number : 56 Question Id : 4165293296 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

Secondary data are information, which is

- a. Already available
- b. Yet to be collected
- c. Yet to be collected
- d. Not available for the research

**Question Number : 57 Question Id : 4165293297 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

What do the researchers use to analyze the data?

- a. Mathematical methods
- b. Statistical tools
- c. Probability methods
- d. Index numbers

**Question Number : 58 Question Id : 4165293298 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

Data analysis can be in

- a. Statistical form
- b. Descriptive form
- c. Explanatory form
- d. Descriptive, explanatory and graphical form

**Question Number : 59 Question Id : 4165293299 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

Classification of data refers to

- a. Arrangement of data in an order
- b. Arrangement of raw data into tables
- c. Organization of numbers
- d. Arrangement of figures

**Question Number : 60 Question Id : 4165293300 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

Data collected from Tribune newspaper is an example of

- a. Primary data
- b. Observed data
- c. Secondary data
- d. Historical data

**Question Number : 61 Question Id : 4165293301 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

Which of the following is not an appropriate source for academic research?

- a. An online encyclopedia
- b. A government-- based research organization database
- c. A peer reviewed journal article
- d. A textbook

**Question Number : 62 Question Id : 4165293302 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

Interviewing all members of a given population is called:

- a. A census
- b. A Gallup poll
- c. A sample
- d. A Nielsen audit

**Question Number : 63 Question Id : 4165293303 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

Sample is a subset of:

- a. Population
- b. Data
- c. Set
- d. Distribution

**Question Number : 64 Question Id : 4165293304 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

How often does the Census Bureau take a complete population count?

- a. Every year
- b. Every five years
- c. Every ten years
- d. Twice a year

**Question Number : 65 Question Id : 4165293305 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

A census taker often collects data through which of the following?

- a. Standardized tests
- b. Interviews
- c. Secondary data
- d. Observations

**Question Number : 66 Question Id : 4165293306 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

Which of the following are disadvantages of telephonic interview?

- a. Some people may not have telephones. People often dislike the intrusion of a call to their home.
- b. Telephone interviews need to be relatively short or people feel imposed upon.
- c. Many people don't have publicly listed telephone numbers.
- d. All of the option

**Question Number : 67 Question Id : 4165293307 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

Which of the following are the types of observation method?

- a. Structured vs. unstructured observation
- b. Controlled and Non Controlled observation
- c. Participant Vs. Non-- Participant observation
- d. All of the option

**Question Number : 68 Question Id : 4165293308 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

Which of the following is/are not the techniques of primary data collection?

- a. Interview Method
- b. Questionnaire or Mail Survey Method
- c. Published Reports and Journals
- d. Observation Method

**Question Number : 69 Question Id : 4165293309 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

Video conferencing is often used as a more personalized version of the telephone interview. Recruiters conduct

- a. Live interviews
- b. Via personal computers equipped with cameras and speakers
- c. Face-- to-- face interviews with applicants
- d. All of the option

**Question Number : 70 Question Id : 4165293310 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

Which of the following are advantages of Interview Method?

- a. This method can't be used to collect qualitative facts
- b. Interview method doesn't allow for greater flexibility in the process of questioning especially in unstructured interviews.
- c. There are more chances of misinterpretation especially for structured interviews.
- d. None of the option

**Question Number : 71 Question Id : 4165293311 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

A population is a group of

- a. Individuals in a species
- b. Species in a community
- c. Communities in an ecosystem
- d. Individuals in a family

**Question Number : 72 Question Id : 4165293312 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

The formula for exponential population growth is

- a.  $\frac{dt}{dN} = rN$
- b.  $\frac{dN}{dt} = rN$
- c.  $\frac{dN}{rN} = dt$
- d.  $\frac{Rn}{Dn} = dt$

**Question Number : 73 Question Id : 4165293313 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

Exponential growth occurs when there is

- a. A great environmental resistance
- b. No environmental resistance
- c. No biotic Potential
- d. A fixed carrying capacity

**Question Number : 74 Question Id : 4165293314 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

The carrying capacity of a population is determined by its

- a. Population growth rate
- b. Nationality
- c. Mortality
- d. Limiting Resources

**Question Number : 75 Question Id : 4165293315 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

The concept that 'population tends to increase geometrically while food supply increase arithmetically' was put forward by

- a. Adam Smith
- b. Charles Darwin
- c. Thomas Malthus
- d. Stuart Mill

**Question Number : 76 Question Id : 4165293316 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

A population is a group of

- a. Individuals in a species
- b. Species in a community
- c. Communities in an ecosystem
- d. Individuals in a family

**Question Number : 77 Question Id : 4165293317 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

The formula for exponential population growth is

- a.  $dt/dN = rN$
- b.  $dN/dt = rN$
- c.  $dN/rN = dt$
- d.  $Rn/Dn = dt$

**Question Number : 78 Question Id : 4165293318 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

A mathematical model is defined as \_\_\_\_\_, if all the operators in a mathematical model exhibit linearity.

- a. Linear
- b. Non-Linear
- c. Equal
- d. Non-equal

**Question Number : 79 Question Id : 4165293319 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

In 1662, \_\_\_\_\_ was one of the first to propose a distribution of deaths by age based on scientific assumptions.

- a. Paul Ehrlich
- b. Lex Falcidia
- c. Thomas Malthus
- d. John Graunt

**Question Number : 80 Question Id : 4165293320 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

The following model represents the equation of  $dN/dT = rN(1 - N/K)$

- a. Simple Discrete Time Exponential Model
- b. Continuous-- Time Model of Logistic Growth
- c. Continuous Time Version of Exponential Growth
- d. Discrete Time Logistical Model

**Question Number : 81 Question Id : 4165293321 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

Which of the following is/are the functions of Randomization?

- a. To provide the random sample of observation
- b. To have a valid estimate of experimental error
- c. To remove the bias of assigning treatments continually to favorable experimental units.
- d. All of the option

**Question Number : 82 Question Id : 4165293322 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

Which of the following are True Experimental Designs?

- a. Pretest-Posttest Control Group
- b. Posttest Only Control Group
- c. Solomon Four- Group
- d. All of the option

**Question Number : 83 Question Id : 4165293323 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

Which of the following is not a Characteristic of a good research design?

- a. Objectivity
- b. Non-- Reliability
- c. Validity
- d. Generalization

**Question Number : 84 Question Id : 4165293324 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

Which of the following is/are Functions of a good research design?

- a. It gives a blueprint for research
- b. It limits the boundaries of research activity and makes systematic investigation possible.
- c. It enables a researcher to anticipate potential problems that the researcher may encounter in future.
- d. All of the option

**Question Number : 85 Question Id : 4165293325 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

Randomization is used.....

- a. To provide the random sample of observation.
- b. To have an invalid estimate of experimental error.
- c. To add bias to favorable experimental units.
- d. To ignore the factors that cannot be controlled perfectly.

**Question Number : 86 Question Id : 4165293326 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

The quality of a research study is primarily assessed on:

- a. The place of publication
- b. The ways in which the recommendations are implemented
- c. The rigour with which it was conducted.
- d. The number of times it is replicated.

**Question Number : 87 Question Id : 4165293327 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

Quantitative research involves:

- a. Collecting data in numerical form
- b. Interviewing people to find out their deeply held views about issues
- c. More rigour than qualitative research
- d. Interviewing every member of the target population

**Question Number : 88 Question Id : 4165293328 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

The two main styles of research are:

- a. Data collection and data coding
- b. Surveys and questionnaires
- c. Sampling and recording
- d. Qualitative and quantitative

**Question Number : 89 Question Id : 4165293329 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

'Research methodology' refers to:

- a. The sampling technique
- b. The chain of association between the research question and the research design
- c. Qualitative methods
- d. The tools that the researcher uses

**Question Number : 90 Question Id : 4165293330 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

Secondary existing data may include which of the following?

- a. Official documents
- b. Personal documents
- c. Archived research data
- d. All of the option

**Question Number : 91 Question Id : 4165293331 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

Which of the following is/are the functions of Randomization?

- a. To provide the random sample of observation
- b. To have a valid estimate of experimental error
- c. To remove the bias of assigning treatments continually to favorable experimental units.
- d. All of the option

**Question Number : 92 Question Id : 4165293332 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

Which of the following are True Experimental Designs?

- a. Pretest-Posttest Control Group
- b. Posttest Only Control Group
- c. Solomon Four-Group
- d. All of the option

**Question Number : 93 Question Id : 4165293333 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

Which of the following is not a Characteristic of a good research design?

- a. Objectivity
- b. Non-Reliability
- c. Validity
- d. Generalization

**Question Number : 94 Question Id : 4165293334 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

Which of the following is/are Functions of a good research design?

- a. It gives a blueprint for research
- b. It limits the boundaries of research activity and makes systematic investigation possible.
- c. It enables a researcher to anticipate potential problems that the researcher may encounter in future.
- d. All of the option

**Question Number : 95 Question Id : 4165293335 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

Randomization is used.....

- a. To provide the random sample of observation.
- b. To have an invalid estimate of experimental error
- c. To add bias to favorable experimental units.
- d. To ignore the factors that cannot be controlled perfectly.

**Question Number : 96 Question Id : 4165293336 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**



Which of the following best describes how research should usually be presented in the body of a literature review report?

- a. The major findings of the study should be briefly reported.
- b. Most of the details of how the study was conducted should be carefully described.
- c. The abstract of the research should be paraphrased.
- d. Only the reference to the study should be provided.

**Question Number : 97 Question Id : 4165293337 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

Which is NOT a disadvantage of using a search engine?

- a. Variety
- b. Disorganization
- c. Uncertain accuracy
- d. Irrelevant information

**Question Number : 98 Question Id : 4165293338 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

Which of the following are ways in which we suggest you might maximize your marks?

- a. Using the internet to find key researchers
- b. Review notes you made on editorial and overview papers and chapters.
- c. Be as critically evaluative of your own study as you were of other people's
- d. All of the option

**Question Number : 99 Question Id : 4165293339 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

Which of the following steps are likely to help you avoid accidental plagiarism?

- a. Cut and paste accurately from published works.
- b. Make superficial changes to the words used in published papers
- c. Make short bullet point notes in your own words
- d. Answers A and B

**Question Number : 100 Question Id : 4165293340 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

To be original a study must be:

- a. Radically different from previous research
- b. Conducted with a sample that has never been studied before
- c. Addressing a gap in the existing research literature
- d. All of the option