

BS ZOOLOGY 2<sup>nd</sup>

SEMESTER by

MUHAMMAD HABIB

The General Population that the study seeks to understand.

Select the correct option

☐ Source population

☐ Sample population

☐ Study population

☐ target population

Median for the given values 23, 28, 28, 31, 32, 34, 37, 42, 50, 61 will be:

Select the correct option

☐ 32

☒ 33

☐ 34

☐ 35

Click to Get Answer & Move to Next Question

Question # 2 of 10 ( Start time: 03:38:48 PM, 07 December 2020 )

Total Marks: 1

Commonly used measure of central tendency is/are:

Select the correct option



Mean



Mode



Median



All



Question # 10 of 10 ( Start time: 03:44:27 PM, 07 December 2020 )

Total Marks: 1

Qualitative Variables include:

Select the correct option

☐ Height

☐ Hemoglobin values

☒ Blood group

☐ RBCs count

Question # 4 of 10 ( Start time: 03:49:11 PM, 07 December 2020 )

Total Marks: 1

"An aggregate of entities for which we have an interest at a particular time" is called

Select the correct option

☐

Sample

☐

Mean

☐

Data

☐

Population

[Click to Save Answer & Move to Next Question](#)

Question # 3 of 10 ( Start time: 03:48:18 PM, 07 December 2020 )

Total Marks: 1

Sampling problems may differ in each strata

Select the correct option

☐

Multi-Stage Sampling

☐

Systematic Random Sampling

☐

Cluster Random Sampling

☐

Stratified Random Sampling

[Click to Save Answer & Move to Next Question](#)

Question # 2 of 10 ( Start time: 03:47:33 PM, 07 December 2020 )

Total Marks: 1

# Source of data can be

Select the correct option

☐

Routinely kept records

☐

Routinely kept records

☐

Surveys &amp; Experiments

☐

All

[Click to Save Answer & Move to Next Question](#)



Question # 5 of 10 ( Start time: 03:50:03 PM, 07 December 2020 )

Total Marks: 1

Procedure for Systematic Random Sampling includes following except:

Select the correct option



Number units in population from 1 to N.



Decide on the n that you want or need.



$N/n=k$  the interval size.



Randomly select a number from 0 to k

[Click to Save Answer & Move to Next Question](#)

Question # 6 of 10 ( Start time: 03:51:02 PM, 07 December 2020 )

Total Marks: 1

One of the earliest known demographic / Bio-statistics study was conducted by ----- .

Select the correct option

☐

John Graunt

☐

The Lady with a Lamp

☐

Ronald A. Fisher

☐

Nightingale

[Click to Save Answer & Move to Next Question](#)

Question # 7 of 10 ( Start time: 03:51:46 PM, 07 December 2020 )

Total Marks: 1

Population is the collection of all possible entities which is described by \_\_\_\_\_

Select the correct option



Values



Numbers



Parameters



Statistics

[Click to Save Answer & Move to Next Question](#)

## Question # 3 of 10 ( Start time: 06:07:18 PM, 07 December 2020 )

In  $NC_n$ ,  $N$  represents:

Select the correct option

<input type="radio"/>	The number of cases in the sampling frame
<input type="radio"/>	The number of cases in the sample
<input type="radio"/>	The number of combinations (subsets) of $n$ from $N$
<input type="radio"/>	The sampling fraction

Question # 2 of 10 ( Start time: 06:06:48 PM, 07 December 2020 )

Total Marks: 1

Probability sampling is divided into \_\_\_\_\_ types

Select the correct option

☐ 4☒ 5☐ 6☐ 7

Click to Save Answer &amp; Move to Next Question

Question # 1 of 10 ( Start time: 06:06:14 PM, 07 December 2020 )

Total Marks: 1

Example of simple random sampling is:

Select the correct option

☐

Small service agency

☐

Client assessment of quality of service

☐

Get list of clients over past year

☐

All

Click to Save Answer & Move to Next Question

Question # 4 of 10 ( Start time: 06:07:49 PM, 07 December 2020 )

Total Marks: 1

Ordinal data scale is used for \_\_\_\_\_ measurement

Select the correct option



Constant intervals



Variable intervals



Real numbers



Categories

Click to Save Answer & Move to Next Question

Question # 6 of 10 ( Start time: 06:09:03 PM, 07 December 2020 )

Total Marks: 1

The General Population that the study seeks to understand.

Which of the following is NOT a Characteristics of a good sample?

Select the correct option

- ☒ Informative with maximum use of resources.
- ☐ Obtained by using proper sampling methodology.
- ☐ It captures most of the variation in the population.
- ☐ It should be representative.

[Click to Save Answer & Move to Next Question](#)



Question # 7 of 10 ( Start time: 06:09:39 PM, 07 December 2020 )

Total Marks: 1

A descriptive value for a population is called:

Select the correct option

<input checked="" type="radio"/>	Parameter
<input type="radio"/>	Statistics
<input type="radio"/>	Descriptive Statistics
<input type="radio"/>	Inferential Statistics

Click to Save Answer & Move to Next Question

Question # 8 of 10 ( Start time: 06:10:16 PM, 07 December 2020 )

Total Marks: 1

The average value of a data is called \_\_\_\_

Select the correct option

- ☒ Mean
- ☐ Median
- ☐ Mode
- ☐ Standard deviation

Click to Save Answer & Move to Next Question

Question # 9 of 10 ( Start time: 06:10:42 PM, 07 December 2020 )

Total Marks: 1

Sometimes ----- is also called as "proportional" or "quota" random sampling.

Select the correct option

☐

Simple sampling

☐

Stratified sampling

☐

Cluster sampling

☐

Systematic sampling

Click to Save Answer &amp; Move to Next Question

Question # 10 of 10 ( Start time: 06:31:23 PM, 07 December 2020 )

Total Marks: 1

If the administrator of a clinic wishes to obtain information regarding the mode of transportation used by patients to visit the clinic, what should be done to take information?

Select the correct option

- ☐ Experimental study
- ☒ Survey
- ☐ Literature study
- ☐ All

[Click to Save Answer & Move to Next Question](#)

The General Population that the study seeks to understand.

Select the correct option



Source population



Sample population



Study population



target population

Click to Save Answer & Move to Next Question

\_\_\_\_\_ is the hypothesis that is believed to be true by the researcher:

Select the correct option

<input type="radio"/>	Null hypothesis
<input type="radio"/>	Alternative hypothesis
<input type="radio"/>	Rejected hypothesis
<input type="radio"/>	None

Question # 6 of 10 ( Start time: 06:27:04 PM, 07 December 2020 )

Total Marks: 1

\_\_\_\_\_ is known as “Father of Modern Statistical sciences”

Select the correct option

- ☒ Sir Ronald A. Fisher
- ☐ John Graunt
- ☐ Florence Nightingale
- ☐ Lady with Lamp

Click to Save Answer & Move to Next Question

Question # 5 of 10 ( Start time: 06:26:05 PM, 07 December 2020 )

Total Marks: 1

\_\_\_\_\_ is affected by extreme values.

Select the correct option

<input checked="" type="radio"/>	Mean
<input type="radio"/>	Median
<input type="radio"/>	Mode
<input type="radio"/>	All

Click to Save Answer & Move to Next Question



Question # 4 of 10 ( Start time: 06:25:06 PM, 07 December 2020 )

Total Marks: 1

Mean of values 115, 110, 119, 117, 121 and 126 is:

Select the correct option



117



118



119



120

[Click to Save Answer & Move to Next Question](#)

Question # 2 of 10 ( Start time: 06:19:06 PM, 07 December 2020 )

Total Marks: 1

The source of a data may be a -----, if the data needed is about answering certain questions.

Select the correct option



Survey



Routinely kept records



External sources



Experiments

[Click to Save Answer & Move to Next Question](#)

Question # 1 of 10 ( Start time: 06:17:26 PM, 07 December 2020 )

Total Marks: 1

Which information is not correct about sample?

Select the correct option



A sample is typically only a part of the whole population



Sample data provide only limited information about the population



Sample statistics are generally imperfect representatives of the corresponding population parameters



None

[Click to Save Answer & Move to Next Question](#)

Question # 5 of 10 ( Start time: 11:10:01 AM, 08 December 2020 )

Total Marks: 1

One of the earliest known demographic / Bio-statistics study was conducted by ----- .

Select the correct option

☒

John Graunt

☐

The Lady with a Lamp

☐

Ronald A. Fisher

☐

Nightingale

[Click to Save Answer & View to Next Question](#)

Question # 7 of 10 ( Start time: 11:11:11 AM, 08 December 2020 )

Total Marks: 1

Example of simple random sampling is:

Select the correct option



Small service agency



Client assessment of quality of service



Get list of clients over past year



All

[Click to Go / Home / Back to Test Questions](#)

Question # 8 of 10 ( Start time: 11:11:50 AM, 08 December 2020 )

Total Marks: 1

We need sampling for \_\_\_\_\_ purpose

Select the correct option



Economy



Speed



Accuracy



All

[Click to Save Answer & Move to Next Question](#)

Select the correct option

- The number of daily admissions in a hospital

Question # 10 of 10 ( Start time: 11:13:19 AM, 08 December 2020 )

Total Marks: 1

Source of data can be

Select the correct option



Routinely kept records



Routinely kept records



Surveys &amp; Experiments



All

[Click to Go Back](#) [Click to Next Question](#)



## BIO401:Quiz 1

Question # 1 of 10 ( Start time: 11:18:08 AM, 08 December 2020 )

\_\_\_\_\_ type of sampling refers to identifying someone who meets the criteria for inclusion in the study.

Select the correct option

- |                       |                          |
|-----------------------|--------------------------|
| <input type="radio"/> | Non Probability sampling |
| <input type="radio"/> | Probability sampling     |
| <input type="radio"/> | Snowball sampling        |
| <input type="radio"/> | Random sampling          |

Question # 2 of 10 ( Start time: 11:18:46 AM, 08 December 2020 )

Median for the given values 23, 28, 28, 31, 32, 34, 37, 42, 50, 61 will be:

Select the correct option

- |                                  |    |
|----------------------------------|----|
| <input type="radio"/>            | 32 |
| <input checked="" type="radio"/> | 33 |
| <input type="radio"/>            | 34 |
| <input type="radio"/>            | 35 |

Question # 4 of 10 ( Start time: 11:20:47 AM, 08 December 2020 )

Sampling problems may differ in each strata

Select the correct option



Multi-Stage Sampling



Systematic Random Sampling



Cluster Random Sampling



Stratified Random Sampling

BIO401:Quiz 1

Question # 5 of 10 ( Start time: 11:21:55 AM, 08 December 2020 )

Probability sampling is divided into \_\_\_\_\_ types

Select the correct option



4



5



6



7



BIO401:Quiz 1

Question # 6 of 10 ( Start time: 11:23:19 AM, 08 December 2020 )

----- sampling is commonly known as unsystematic, accidental or opportunistic sampling.

Select the correct option

- |                                  |                                   |
|----------------------------------|-----------------------------------|
| <input checked="" type="radio"/> | Convenience                       |
| <input type="radio"/>            | Judgmental or deliberate sampling |
| <input type="radio"/>            | Quota sampling                    |
| <input type="radio"/>            | Snow Ball Sampling                |


## BIO401:Quiz 1

Question # 7 of 10 ( **Start time: 11:24:18 AM, 08 December 2020** )

The General Population that the study seeks to understand.

Select the correct option

<input type="radio"/>	Source population
<input type="radio"/>	Sample population
<input type="radio"/>	Study population
<input type="radio"/>	target population



## BIO401:Quiz 1

Question # 8 of 10 ( Start time: 11:25:48 AM, 08 December 2020 )

We need sampling for \_\_\_\_\_ purpose

Select the correct option

<input type="radio"/>	Economy
<input type="radio"/>	Speed
<input type="radio"/>	Accuracy
<input type="radio"/>	All



Question # 10 of 10 ( Start time: 11:27:45 AM, 08 December 2020 )

In sampling design "n" stands for \_\_\_\_\_

Select the correct option



The number of cases in the sample



The number of cases in the sampling frame



The sampling fraction



The number of combinations





### BIO401:Quiz 1

Question # 1 of 10 ( Start time: 04:51:29 AM, 04 December 2020 )

Sampling problems may differ in each strata

Select the correct option

<input type="radio"/>	Multi-Stage Sampling
<input type="radio"/>	Systematic Random Sampling
<input type="radio"/>	Cluster Random Sampling
<input checked="" type="radio"/>	Stratified Random Sampling

Answer solved by Amaan Khan  
Contact: 0305-4716616  
Email:maniamaan2@gmail.com



### BIO401:Quiz 1

Question # 2 of 10 ( Start time: 04:52:37 AM, 04 December 2020 )

We need sampling for \_\_\_\_\_ purpose

Select the correct option

<input type="radio"/>	Economy
<input type="radio"/>	Speed
<input type="radio"/>	Accuracy
<input checked="" type="radio"/>	All

Answer solved by Amaan Khan  
Contact: 0305-4716616  
Email:maniamaan2@gmail.com



## Question # 3 of 10 ( Start time: 04:53:33 AM, 04 December 2020 )

"An aggregate of entities for which we have an interest at a particular time" is called

Select the correct option

<input type="radio"/>	Sample
<input type="radio"/>	Mean
<input type="radio"/>	Data
<input checked="" type="radio"/>	Population

**Answer solved by Amaan Khan**  
**Contact: 0305-4716616**  
**Email:maniamaan2@gmail.com**



## Question # 4 of 10 ( Start time: 04:54:20 AM, 04 December 2020 )

Mean of values 115, 110, 119, 117, 121 and 126 is:

Select the correct option

<input type="radio"/>	117
<input checked="" type="radio"/>	118
<input type="radio"/>	119
<input type="radio"/>	120

**Answer solved by Amaan Khan**  
**Contact: 0305-4716616**  
**Email:maniamaan2@gmail.com**

Question # 7 of 10 ( Start time: 04:56:51 AM, 04 December 2020 )



Which one is not the type of Probability Sampling designs?

Select the correct option

<input checked="" type="radio"/>	Non-systematic sampling	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email:maniamaan2@gmail.com</b>
<input type="radio"/>	Systematic sampling	
<input type="radio"/>	Cluster (area) sampling	
<input type="radio"/>	Multistage sampling	



BIO401:Quiz 1

Question # 8 of 10 ( Start time: 04:57:51 AM, 04 December 2020 )

----- is the hypothesis that is believed to be true by the researcher:

Select the correct option

<input type="radio"/>	Null hypothesis	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email:maniamaan2@gmail.com</b>
<input checked="" type="radio"/>	Alternative hypothesis	
<input type="radio"/>	Rejected hypothesis	
<input type="radio"/>	None	



Question # 9 of 10 ( Start time: 04:59:01 AM, 04 December 2020 )

One of the earliest known demographic / Bio-statistics study was conducted by -----.

Select the correct option

<input checked="" type="radio"/>	John Graunt	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email:maniamaan2@gmail.com</b>
<input type="radio"/>	The Lady with a Lamp	
<input type="radio"/>	Ronald A. Fisher	
<input type="radio"/>	Nightingale	



Question # 10 of 10 ( Start time: 04:59:34 AM, 04 December 2020 )

Procedure for Systematic Random Sampling includes following except:

Select the correct option

<input type="radio"/>	Number units in population from 1 to N.	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email:maniamaan2@gmail.com</b>
<input type="radio"/>	Decide on the n that you want or need.	
<input type="radio"/>	$N/n=k$ the interval size.	
<input checked="" type="radio"/>	Randomly select a number from 0 to k	

## Question # 5 of 10 ( Start time: 04:55:32 AM, 04 December 2020 )

----- is known as "Father of Modern Statistical sciences"

Select the correct option

<input checked="" type="radio"/>	Sir Ronald A. Fisher
<input type="radio"/>	John Graunt
<input type="radio"/>	Florence Nightingale
<input type="radio"/>	Lady with Lamp



## Question # 6 of 10 ( Start time: 04:56:15 AM, 04 December 2020 )

Commonly used measure of central tendency is/are:

Select the correct option

<input type="radio"/>	Mean
<input type="radio"/>	Mode
<input type="radio"/>	Median
<input checked="" type="radio"/>	All

Answer solved by Amaan Khan  
Contact: 0305-4716616  
Email:maniamaan2@gmail.com