

Correct!

☐ The number of clicks on an advertisement

☐ Your browsing history

That's correct!

### Question 3

1 / 1 pts

What can be a major cause of anxiety for students learning statistics?

☐ Familiarity with the subject matter.

☐ The lack of resources and textbooks.

☒ Perceived difficulty and abstract concepts.

☐ The simplicity of the course material.

Correct!

That's correct!

### Question 4

1 / 1 pts

What is the best definition of data in a statistical context?

☐ Guesses and estimates about a subject

☐ Theoretical concepts and ideas

☐ Random information without any structure

☒ Facts and figures collected for presentation and interpretation

Correct!

That's correct!

### Question 5

1 / 1 pts

How does data become information in the context of decision making?

☐ By collecting raw data without analysis

☒ By organizing and analyzing data to extract meaningful insights

☐ By guessing outcomes based on data

☐ By discarding irrelevant data

Correct!

That's correct!

### Question 6

1 / 1 pts

Statistics is a branch of mathematics that deals with \_\_\_\_\_ data

☐ Logical

Correct!

☐ Complicated

☐ Population

☒ Sample data

That's correct!

Question 7

1 / 1 pts

Which branch of statistics is concerned with making inferences about a population based on sample data?

Correct!

☐ Descriptive

☒ Inferential

☐ Segmentation and Classification

☐ Predictive

That's correct!

Question 8

1 / 1 pts

An example of summarizing numeric data is:

Correct!

☐ Organizing employee heights in a table

☐ Drawing a bar chart for categorical data

☐ Sorting data alphabetically

☒ Taking the mean of marks scored in a semester

That's correct!

Question 9

1 / 1 pts

What does relative frequency represent in statistics?

Correct!

☒ The fraction or proportion of the total number of items belonging to a class

☐ The total number of items in a class

☐ The percentage of items in a class relative to the total population

☐ The cumulative sum of frequencies

That's correct!

Question 10

1 / 1 pts

Question 10

What is meant by the 'de-emphasis of statistics' in a teaching context?

- ☐ Increasing the difficulty of statistical problems.
- ☐ Reducing the number of statistics courses offered.
- ☒ Focusing less on complex statistical formulas and more on practical application.
- ☐ Ignoring statistics entirely in the curriculum.

Correct!

That's correct!

Question 11

1 / 1 pts

Statistics involves techniques for:

- ☒ All of the options
- ☐ Testing hypotheses to draw meaningful conclusions
- ☐ Making inferences or predictions about populations based on sample data
- ☐ Summarizing and describing data

Correct!

That's correct!

Question 12

1 / 1 pts

Which of the following is a measure of dispersion?

- ☐ Median
- ☐ Mode
- ☐ Mean
- ☒ Mean Deviation

Correct!

Question 13

1 / 1 pts

Continuous numerical data is characterized by:

- ☐ Only whole numbers
- ☒ Infinitely uncountable values within an interval
- ☐ Countable distinct values
- ☐ Data that cannot be measured

Correct!

That's correct!

**Question 14**

1 / 1 pts

Given the following class intervals in an exclusive classification system: 10-20, 20-30, 30-40, in which class interval would the value 20 be included?

- ☐ 10-20
- ☐ None of the above
- ☒ 20-30
- ☐ 30-40

**Correct!**

That's correct!

**Question 15**

1 / 1 pts

Which of the following is an example of time series data?

- ☐ Annual income of 100 employees recorded in 2020
- ☒ Monthly sales of cars at a dealership in 2010
- ☐ Survey responses of a group of people taken in a single month
- ☐ The height of students measured on the same day

**Correct!**

That's correct!

**Question 16**

1 / 1 pts

How does statistics help in formulating and analyzing managerial problems?

- ☐ By focusing on irrelevant details.
- ☒ By offering quantitative insights for decision-making.
- ☐ By providing qualitative data only.
- ☐ By eliminating the need for data collection.

**Correct!**

That's correct!

**Question 17**

1 / 1 pts

With categorical data, we typically use:

- ☐ Measures of dispersion
- ☒ Charts, graphs, and tables
- ☐ Complex statistical models

**Correct!**

☐ Measures of central tendency

That's correct!

### Question 18

1 / 1 pts

Predictive statistics is used for:

- ☐ Describing past data
- ☒ Predicting future trends based on current data
- ☐ Testing historical hypotheses
- ☐ Organizing data into charts

Correct!

That's correct!

### Question 19

1 / 1 pts

In a survey, the absolute frequency of respondents who prefer Product A is 150, while 200 respondents prefer Product B. What is the absolute frequency of respondents who prefer Product B?

- ☐ 50
- ☐ 150
- ☒ 200
- ☐ 350

Correct!

That's correct!

### Question 20

1 / 1 pts

Which of the following statements best describes a sample?

- ☐ A method of organizing collected data
- ☐ The entire group of items of interest to a statistics practitioner
- ☒ A set of data drawn from the population
- ☐ A theoretical concept not used in practical statistics

Correct!

That's correct!

Quiz Score: 20 out of 20

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