Question 1
What is a scatter plot? 1 / 1 point

A scatter plot represents the frequency distribution of a numeric dataset
A scatter plot is a circular statistical graphic divided into segments
A scatter plot is a type of plot that displays values pertaining to typically two variables against each other
A scatter plot displays the magnitude and proportion of multiple variables over a continuous axis

Correct
Correct! A scatter plot is a type of plot that displays values pertaining to typically two variables against each other. Usually, it is a dependent variable plotted against an independent variable.

Question 2
True or False. Matplotlib is a general-purpose comprehensive plotting library that provides a flexible interface for creating a wide range of plots. 1 / 1 point

True
False

Correct
Correct! Matplotlib is a general-purpose comprehensive plotting library that provides a flexible interface for creating a wide range of plots. Its pyplot module offers a convenient way to create and customize plots quickly.

Question 3
What is a pie chart?  1 / 1 point

A pie chart is a type of plot in which the length of each bar is proportional to the value of the item that it represents
A pie chart visually depicts the distribution of a numeric dataset by showcasing the frequency of each category
A pie chart is a graphical representation that showcases the relative size and proportion of various variables along a continuous axis
A pie chart is a circular statistical graphic divided into segments to illustrate numerical proportions

Correct
Correct! A pie chart is a circular statistical graphic divided into segments to illustrate numerical proportions. The explode property in a pie chart enables you to offset slices from the center, highlighting specific sections.

Question 4
A box plot is a way of statistically representing the distribution of given data through how many primary dimensions?1 / 1 point
5
1
8
3

Correct
Correct! A box plot is a way of statistically representing the distribution of given data through five main dimensions. These include Minimum, First quartile, Median, Third quartile, and Maximum.

Question 5
What is the first step when plotting with Matplotlib?  1 / 1 point

Call the subplot function
Import Pandas
Import matplotlib.pyplot as plt
Call the plot function

Correct
Correct! The first step is to import the library. You Import matplotlib.pyplot as plt.