Question 1
True or False. Web-based visualizations created using Plotly Python can be displayed in Jupyter Notebook, saved to standalone HTML files, or served as part of pure Python-built web applications using Dash. 1 / 1 point

False
<mark>True</mark>

Correct
Correct! Web-based visualizations created using Plotly Python can be displayed in Jupyter Notebook, saved to standalone HTML files, or served as part of pure Python-built web applications using Dash.

Question 2
Fill in the blank. Plotly Graph Objects is a _____ level interface to figures, traces, and layout. 1 / 1 point

Open
Simple
<mark>Low</mark>
High

Correct
Correct! The Plotly graph objects module provides an automatically generated hierarchy of classes. It is the low-level interface to figures, traces, and layouts.

Question 3
Fill in the blank. A Plotly. graph contains a _____ object which has a dictionary structure. 1 / 1 point

Matplotlib
<mark>JSON</mark>
HTML
Python

Correct
Correct! A Plotly. graph contains a JSON object which has a dictionary structure.

Question 4
Which features do dashboards offer in real-time? 1 / 1 point

Messages
Videos
<mark>Visuals</mark>
Chat

Correct
Correct! Real-time visuals on the dashboard simplify the comprehension of various aspects of the business. Also, getting the big picture in one place can help businesses make informed decisions, thereby improving performance.

Question 5
Fill in the blank. Matplotlib is a comprehensive library for creating static, animated, and interactive _____ in Python. 1 / 1 point

Charts
Videos
<mark>Visualizations</mark>
Graphs

Correct
Correct! Matplotlib is a comprehensive library for creating static, animated, and interactive visualizations in Python.

Question 6
True or False. Data can be presented by using different types of dashboards. 1 / 1 point

False
<mark>True</mark>

Correct
Correct! Data can be presented by using different types of dashboards.

Question 7
_____ Express is a high-level wrapper for Plotly. 1 / 1 point

JSON
Python
Matplotlib
<mark>Plotly</mark>

Correct
Correct! Plotly Express is a high-level wrapper for Plotly. It is a recommended starting point for creating the most common figures provided by Plotly because of its simple syntax. It uses graph objects internally.

Question 8
A callback function is a _____. 1 / 1 point

An extension
A line of Code
<mark>Decorator</mark>
A file
Correct
Correct! Whenever there is a change in the input component value, the Callback function wrapped by the decorator is called, followed by the update to the output component children in the application layout.

Question 9
True or False. Dash is an Open-Source User Interface Python library for creating reactive, web-based applications. 1 / 1 point

<mark>True</mark>
False

Correct
Correct! Dash is an Open-Source User Interface Python library for creating reactive, web-based applications. It is enterprise-ready and a first-class member of Plotly's open-source tools.

Question 10
Which two parameters are needed to decorate a callback function? Select two. 1 / 1 point

<mark>Input</mark>
Correct
Correct! Output sets results returned from the callback function to a component id. The set input is provided to the callback function to a component id.
Dash
<mark>Output</mark>

Correct
Correct! Output sets results returned from the callback function to a component id. The set input is provided to the callback function to a component id.
Dash core