**1.**

True or False: Modifiers can be used to define margins and padding in Jetpack Compose.

**0 / 1 point**



True



False



**Incorrect**

Not quite. Please review the video

[Modifiers](https://www.coursera.org/learn/create-the-user-interface-android-studio/lecture/ILVwl/modifiers" \t "_blank)

[](https://www.coursera.org/learn/create-the-user-interface-android-studio/lecture/ILVwl/modifiers" \t "_blank).

**2.**

Which of the following Material Components can be implemented using Jetpack Compose? Select all that apply.

**1 / 1 point**



**text-field**



**Correct**

Correct! Jetpack Compose allows you to implement a **text-field** with a consistent look and feel.



**list**



**card**



**Correct**

Correct! Jetpack Compose allows you to implement a **card** with a consistent look and feel.



**button**



**Correct**

That's correct! Jetpack Compose allows you to implement a **button** with a consistent look and feel.

**3.**

Which of the following is a collection of components which carry standard and reusable UI elements?

**1 / 1 point**



a UI pattern



a scaffold



a composable



a design system



**Correct**

That's correct! A design system exposes patterns, themes and examples of UI designs and layouts at various levels.

**4.**

Which of the following is the special object Compose uses to hold the value of a state?

**0 / 1 point**



**State**



**MutableStateOf**



**remember**



**MutableState**



**Incorrect**

Not quite. Please review the video

[Declaring state](https://www.coursera.org/learn/create-the-user-interface-android-studio/lecture/EPqE3/declaring-state" \t "_blank)

[](https://www.coursera.org/learn/create-the-user-interface-android-studio/lecture/EPqE3/declaring-state" \t "_blank).

**5.**

Which of the following is the correct programming term for a user action?

**1 / 1 point**



callback



tapping



event



action



**Correct**

That's correct! A user action is called an event and the response to an event is called handling the event.

**6.**

What is a **BottomSheetScaffold**?

**1 / 1 point**



A UI pattern that slides up from the bottom of the screen.



A UI pattern that provides a side-panel for navigating.



A UI pattern that provides a full screen overlay when triggered.



**Correct**

That’s correct! **Scaffold** provides the basic structure to build your app, with components such as a **BottomSheetScaffold** that can be used to navigate between different screens or display additional content or options.

**7.**

What is Material Design?

**1 / 1 point**



Material Design is a system for developing websites.



Material Design is a framework for creating web applications.



Material Design is a language for programming mobile applications.



Material Design is a design system for developing UIs for Android applications.



**Correct**

That’s correct! Material Design is a design system created by Google for developing UIs for Android, web, and iOS applications.

**8.**

Which of the following makes material components in Compose adaptable?

**1 / 1 point**



modifiers



slots



scaffolds



lambdas



**Correct**

That's correct! A **slot** is a parameter that can accept composable content as a generic lambda.

**9.**

Which of the following Jetpack Compose Material components can be implemented as built-in composables? Select four that apply.

**1 / 1 point**



**Pattern**



**TextField**



**Correct**

That's correct! A **TextField** is a built-in composable that can be implemented in Jetpack Compose.



**Card**



**Correct**

That's correct! A **Card** is a built-in composable that can be implemented in Jetpack Compose.



**Slider**



**Correct**

That's correct! A **Slider** is a built-in composable that can be implemented in Jetpack Compose.



**Button**



**Correct**

That's correct! A **Button** is a built-in composable that can be implemented in Jetpack Compose.



**Avatar**

**10.**

What are UI Patterns?

**1 / 1 point**



UI Patterns are data structures used to represent UI elements in an Android UI.



UI Patterns are reusable solutions to common user interface problems during Android UI building in Jetpack Compose.



UI Patterns are algorithms used to compute the layout of an Android UI.



UI Patterns are components of an Android UI that can be reused.



**Correct**

That’s correct! UI Patterns are reusable solutions for common user interface problems encountered when building an Android UI in Jetpack Compose.