

# Building Mobile and Desktop Apps Using .NET MAUI

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Q1. Which platform is not supported by .NET MAUI?

- A. Windows
- B. Linux
- C. Android
- D. MacOS catalyst

Answer: B

Q2. What do you need to compile a MAUI app for macOS catalyst?

- A. Xcode and .NET SDK 6+
- B. WinRT and .NET SDK 6+
- C. macOS and Xcode
- D. macOS and .NET SDK 6

Answer: C

Q3. You cannot use XAML for defining user interface for \_\_\_\_\_.

- A. MAUI apps
- B. WPF apps
- C. Windows forms apps
- D. Win 3 apps for windows 10 and 11

Answer: C

Q4. You have the following code defining a button for UI

```
Button newButton = new();  
newButton.Content = "New";  
newButton.Background = new SolidColorBrush(Colors.Pink);  
newButton.Clicked += NewButton_Clicked;
```

Which XAML code can you use alternatively?

- A. <Button Name="newButton" Background="Pink" Clicked="NewButton\_Clicked">New</Button>
- B. <Button x:Name="newButton" Background="Pink" Clicked="NewButton\_Clicked">New</Button>
- C. <Button x:Name="newButton" Brush="Pink" Clicked="NewButton\_Clicked">New</Button>
- D. <Button x:Name="newButton" Background="Pink" OnClicked="NewButton\_Clicked">New</Button>

Answer: B

Q5. Utility types like FlowDirection, IButton, Image, and Thickness are defined in \_\_\_\_\_.

- A. Microsoft.Maui
- B. Microsoft.Maui. Controls
- C. Microsoft.Maui. Graphics
- D. Microsoft.Extensions

Answer: A

Q6. Common controls, pages are defined in \_\_\_\_\_.

- A. Microsoft.Maui
- B. Microsoft.Maui. Controls
- C. Microsoft.Maui. Graphics
- D. Microsoft.Extensions

Answer: B

Q7. Color, Font, ImageFormat, PathBuilder, Point, and Size are defined in \_\_\_\_\_.

- A. Microsoft.Maui
- B. Microsoft.Maui. Controls
- C. Microsoft.Maui. Graphics
- D. Microsoft.Extensions

Answer: C

Q8. To import a namespace using XAML, \_\_\_\_\_.

- A. you add xmlns attributes in the root element

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- B. you add @using directive
  - C. you add static resource
  - D. you add local resource

Answer: A

Q9. You have the following XAML

```
<Button x:Name="b" Background="Pink" />
```

The type converter will generate

- A. b.Background = Color.Pink;
- B. b.Background = new SolidColorBrush(Colors.Pink);
- C. b.Background = Color.FromName("Pink");
- D. None of the above

Answer: B

Q10. Which one is a layout container?

- A. Grid
- B. BoxView
- C. Frame
- D. ScrollView

Answer: A

Q11. Which one is used for Editing text?

- A. ContentView
- B. Entry
- C. BoxView
- D. WebView

Answer: B

Q12. Which one is used for Scrolling animated views that show one item at a time?

- A. GraphicsView
- B. WebView
- C. CarouselView
- D. ScrollView

Answer: C

Q13. Which extension is used for linking an element to a value from another element or a data source?

- A. {Binding}
- B. {StaticResource}
- C. {DynamicResource}
- D. {Value}

Answer: A

Q14. .NET MAUI uses \_\_\_\_\_ to define the user interface once for all platforms.

- A. XML
- B. SGML
- C. XAML
- D. HTML

Answer: C

Q15. Why is the Shell control used?

- A. For standardized navigation and search capabilities
- B. For layout containers that affect their children in different ways
- C. For adding a search feature
- D. For building custom controls

Answer: A

Q16. Which one is not a valid shared resource level?

- A. Application
- B. Page
- C. Control
- D. Global

Answer: D

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Q17. A resource can be an instance of\_\_\_\_\_.

- A. any object
- B. any string
- C. any image
- D. any binary object

Answer: A

Q18. Which syntax do you use to set an element's prop-erty with a resource once when the app first starts?

- A. {Resource key}
- B. {StaticResource key}
- C. {DynamicResource key}
- D. {Binding key}

Answer: B

Q19. Which syntax do you use to set an element's prop-erty with a resource once whenever the resource value changes during the lifetime of the app?

- A. {Resource key}
- B. {StaticResource key}
- C. {DynamicResource key}
- D. {Binding key}

Answer: C

Q20. Why do you use the INotifyPropertyChanged interface?

- A. It enables to access to the system's notification feature
- B. It enables an UI element to fire property changes notification to the application
- C. It enables a model class to support two-way data binding
- D. All of the above

Answer: C

Q21. What is the main feature of the ObservableCollection?

- A. It is omitized for dynamic memory allocation
- B. It has subscribable reactive extension
- C. It gives notifications when items get added or removed or when the collection is refreshed
- D. None of the above

Answer: C