

# Android

**1. What does the Android project folder "res/" contain?**

- a. Resource files
- b. Java source code
- c. Libraries
- d. Java Activity classes

**2. Which of the following XML layout excepts would allow you to identify a View in Java as follows:**

**findViewById(R.id.submit)**

- a. android:id="@id/submit\_btn"
- b. android:id="@+name/submit\_btn"
- c. android:id="@+id/submit\_btn"
- d. android:id="@string/submit\_btn"

**3. Which of the following defines a left margin of 10 pixels in an XML View item?**

- a. android:marginLeft="10dp"
- b. android:layout\_margin\_left="10dp"
- c. android:margin\_left="10dp"
- d. android:layout\_marginLeft="10dp"

**4. The XML file that contains all the text that your application uses**

- a. text.xml
- b. strings.xml
- c. string.java
- d. stack.xml

**5. Which of the following is a typical example of gaining a reference to a View item, for example in order to attach an event listener**

- a. Button infoBtn = (Button) findViewById(R.id.info\_btn);
- b. View infoView = new View(this);
- c. Button infoBtn = (Button) getView(R.id.info\_btn);
- d. View infoView = (View) getContext();

**6. What do you mean by interface in android?**

- a. Interface is not service
- b. Interface is a class
- c. Interface acts as a bridge between class and the outside world.
- d. Interface is a layout file

**7. What is one way can you connect Android devices to your development environment for debugging**

- a. Port 411
- b. DebugLink technology
- c. USB
- d. None of the above.

**8. Which integrated development environment (IDE) is best suited for beginner Android developers?**

- a. Microsoft Visual Studio
- b. Android Studio
- c. JBuilder
- d. Android Dev

9. Which of the following classes is used to display a message in an Android app only for a moment?
- a. Context
  - b. Toast
  - c. Alert
  - d. Message
10. Which of the following class in android displays information for a short period of time and disappears after some time?
- a. toast class
  - b. log class
  - c. maketest class
  - d. None of the above
11. \_\_\_\_\_ is used to uniquely identify the framework API revision offered by a version of the Android
- a. platform
  - b. Version Number
  - c. API Level
  - d. Code Name
12. What is the use of AndroidManifest.xml file?
- a. It declares the permissions of the application
  - b. It declares the minimum level of the Android API that the application requires
  - c. It facilitates to provide a unique name for the application by specifying package name
  - d. All
13. What is the function of Manifest.xml in Android?
- a. It has the information about activities in an application
  - b. It has the information about layout in an application
  - c. It has all the information about an application
  - d. None of the Above
14. Which media format are supported by Android?
- a. MP4
  - b. AVI
  - c. MIDI
  - d. Above A & C
15. Which folder contains your own developed code for android and iOS in flutter?
- a. android and ios
  - b. lib
  - c. test
  - d. packages
16. Which of the following Java code samples could be used to apply an XML layout resource to an Activity?
- a. findViewById(R.id.help);
  - b. setContentView(R.layout.help);
  - c. addContentView(R.layout.help);
  - d. setVisible(true);
17. Which operating systems support Android SDK Development?
- a. Windows
  - b. Mac
  - c. Linux
  - d. All of the above
18. How can we ensure security securities in Android?
- a. App and Kernel level security
  - b. Android level security
  - c. Java level security
19. Which of the following defines the padding for an XML View?

- a. android:layout\_padding
- b. android:padding
- c. android:view\_padding
- d. android:padding\_width

**20. What is an AVD?**

- a. An Android Virus Definition
- b. A set of device configuration details for use with the Android emulator
- c. An Android code versioning module A file used to define an Android app's name, icon, and other settings

**21. What does ADB stand for?**

- a. Android Data Bot
- b. Android Debug Bridge
- c. Android Device Bridge
- d. Active Digital Brain

**22. The root element of AndroidManifest.xml is:**

- a. manifest
- b. application
- c. activity
- d. action

**23. Which of the following must be supplied for each View in an Android XML layout?**

- a. id and layout\_width
- b. width and height
- c. Oid and layout\_weight
- d. layout\_width and layout\_height

**24. What do you mean by sandbox in android?**

- a. Android development Tool Kit
- b. Android Box
- c. Each application runs securely in sandbox without interrupting another process.
- d. None

**25. Which of the following Java methods returns the actual width of a View when the layout has been applied and the View drawn on screen?**

- a. getLayoutWidth
- b. getWidth
- c. getMeasuredWidth
- d. getViewWidth

**26. True or False? You will only need to create one AVD in order to debug your applications**

- a. True
- b. False

**27. Which of the following is a method of the View class which allows you to set the Layout Parameters, passing a ViewGroup as parameter?**

- a. setLayoutParams
- b. setLayoutParameters
- c. setParameters
- d. layoutParams

**28. Which of the following defines a row within the XML for a TableLayout?**

- a. <TableRow>
- b. <Row>
- c. <TableRowView>

d. <RowView>

**29. What does the following specify when placed in the XML for a menu item:**

**android:showAsAction="ifRoom"**

- a. the item must always appear in the Action Bar
- b. the item must always appear in the overflow menu
- c. the item should appear in the Action Bar if there is room, otherwise appearing in the overflow menu
- d. the item should appear in the overflow menu if there is room, otherwise appearing in the action bar.

**30. Which of the following layout arranges its children into rows and columns?**

- a. RelativeLayout
- b. TabLayout
- c. FrameLayout
- d. None

**31. Which of the below one is not a correct horizontal drag?**

- a. onHorizontalDragStar
- b. on HorizontalDragUpdate
- c. onHorizontalDragSave
- d. onHorizontalDragEnd

**32. Which of the following correctly applies a style saved within an XML file in the res/values folder to a View in a layout file?**

- a. style="@style/MyStyle"
- b. android:style="@style/MyStyle"
- c. android:style="MyStyle"

**33. Specify the directory name where the XML layout files are stored**

- a. /assets
- b. /res/values
- c. /res/layout
- d. /src

**34. Which of the following is used to bind data to a layout View?**

- a. Activity
- b. Context
- c. Intent
- d. Adapter

**35. Action bar can be associated to**

- a. Only Fragments
- b. Only Activities
- c. Both Activities and Fragments
- d. None

# Flutter

1. Which of the following widget allows us to refresh the screen?
  - a. Stateless widgets
  - b. Stateful widget
  - c. Statebuild widget
  - d. All of the above
2. \_\_\_\_\_ represents a single user interface screen
  - a. Service
  - b. Broadcast Receiver
  - c. Content Provider
  - d. Activity
3. Which of the following options helps access and manipulate the cloud database?
  - a. SQLite Database
  - b. Both A and B
  - c. Firebase Database
  - d. None of the above
4. What is the name of the class which is inherited to create a user interface screen?
  - a) Activity
  - b) None of these
  - c) ViewGroup
  - d) View
5. Which function is responsible for starting the program?
  - a. runApp()
  - b. run()
  - c. flutter()
  - d. main()
6. Which of the following widgets use for layout?
  - a. Text
  - b. Column
  - c. Expanded
7. Which command is used to compile the release mode?
  - a. flutter --release
  - b. flutter run ??release
  - c. flutter run %%release
  - d. flutter run --release
8. Which widget in Flutter is a box specific size?
  - a. Container
  - b. Stream
  - c. Show
  - d. SizedBox
9. When does a context menu appear?
  - a. on pressing
  - b. on long-pressing
  - c. on pressing the menu button
  - d. on swiping

**10. Flutter is not a language; it is an SDK.**

- a. TRUE
- b. FALSE

**11. Which of the following database support Flutter?**

- a. sqflite database
- b. Firebase database
- c. Both a & b
- d. None

**12. Which of the following widgets use for layout?**

- a. Text
- b. Column
- c. Expanded
- d. Inkwell

**13. Flutter is developed by?**

- a. Oracle
- b. Facebook
- c. Google
- d. IBM

**14. If your app is building but is not installing properly on your device, what is the most likely reason?**

- a. The app is built for an Android SDK version that is not compatible with your device.
- b. The device is not connected to your development machine properly.
- c. The device settings have not enabled USB debugging.
- d. All of the above.

**15. Which of these methods is called first when an Activity is initially launched?**

- a. onStart()
- b. onPause()
- c. onCreate()
- d. onResume()

**16. What is the use of Navigation.push?**

- a. The push method is used to remove the current route from the stack of routes
- b. The push method is used to navigate the current route from the stack of routes
- c. The push method is used to push the current route from the stack of routes.
- d. The push method is used to add a route to the stack of routes

**17. Which of the following widgets is used for repeating the content?**

- a. Expande
- b. Stack
- c. Scaffold
- d. ListView

**18. What are the different build modes in Flutter?**

- a. Debug      b. Profile      c. Release      d. All of the above

19. Which of the following widgets use for layout?

- A. Text  
B. Column  
C. Expanded  
D. Inkwell

20. Which Cross-platform development category fits for flutter?

- A. Progressive Web Apps  
B. Hybrid  
C. Compile-to-native solutions  
D. None of the above

21. In flutter, app picks up where you left off - in the same spot, with the same state, and same data by what?

- A. Hot load  
B. Hot restart  
C. Hot reload  
D. Hot reloading

22. Which function is responsible for starting the program?

- A. runApp()  
B. run()  
C. flutter()  
D. main()

23. What are the different build modes in Flutter?

- A. Debug  
B. Profile  
C. Release  
D. All of the above

24. Which folder contains your own developed code for android and iOS in flutter?

- A. android and ios  
B. lib  
C. test  
D. packages

25. Which of the following is a sequence of asynchronous events?

- A. Stream  
B. Flow  
C. Current  
D. None of the above

26. Flutter is developed by?

- A. Oracle  
B. Facebook  
C. Google  
D. IBM

27. Which method of flutter switch receives the value that the user set?
- A. Onchecked
  - B. onPressed
  - C. onChanged
  - D. onSwitched
28. Flutter is not a language, it is an SDK.
- A. True
  - B. False
29. Which flutter widget provides the outer visible for your app?
- A. Flutter App
  - B. MainWidget
  - C. Scaffold
  - D. MaterialApp
30. Which of these methods is called first when an activity is usually launched?
- A. onStart()
  - B. onPress()
  - C. onCreate{}
  - D. onResume()
31. Which function houses the widgets of your app?
- A. random()
  - B. build()
  - C. debug()
  - D. runApp()
32. Which of the following Layout arranges its children into rows and columns?
- A. Relative Layout
  - B. Table Layout
  - C. Frame Layout
  - D. None