

# Android

## Exam AND-401

### Android Application Development

Version: 7.0

[ Total Questions: 129 ]

**Question No : 1**

Which of the following is required to allow the Android Developer Tools to interact with your view?

- A. Provide a constructor that takes a Context and an AttributeSet object as parameters.
- B. Provide a constructor that takes a Context object as parameter.
- C. Extend class View.
- D. Override method onDraw() of class View.

**Answer: A**

**Question No : 2**

What does the src folder contain?

- A. Image and icon files.
- B. XML resource files.
- C. The application manifest file.
- D. Java source code files.

**Answer: D**

**Question No : 3**

Which of the following methods is called in an Activity when another activity gets into the foreground?

- A. onStop()
- B. onPause()
- C. onDestroy()
- D. onExit()

**Answer: B**

**Question No : 4**

Which of the following Activity life-cycle methods is called once the activity is no longer visible?

- A. onStop
- B. onPause
- C. onDestroy
- D. onHide

**Answer: A**

**Question No : 5**

Which manifest file permission you should add to allow your application to read the device's address book?

- A. READ\_ADDRESS\_DATA
- B. READ\_PHONE\_STATE
- C. READ\_PHONE\_CONTACTS
- D. READ\_CONTACTS

**Answer: D**

**Question No : 6**

Which of the following statements is correct about SQLite?

- A. It is an object database.
- B. It is client-server format.
- C. It is possible to create and access a database by using SQLOpenHelper.
- D. It can be accessed by other applications through ContentProvider.

**Answer: D**

**Question No : 7**

In which Activity life-cycle method you should do all of your normal static set up such as: creating views and bind data to lists?

- A. onResume()
- B. onStart()
- C. onCreate()
- D. onPause()

**Answer: C**

**Question No : 8**

Which of the following methods updates a ListView when an element is added to the data set?

- A. notify()
- B. notifyAll()
- C. notifyDataSetChanged()
- D. notifyDataSetChanged()

**Answer: C**

**Question No : 9**

Which of the following best explains the Android context menus?

- A. It is a popup menu displays a list of items in a vertical list that's anchored to the view that invoked the menu.
- B. It is a floating menu that appears when the user performs a long-click on an element. It provides actions that affect the selected content or context frame.
- C. It is the primary collection of menu items for an activity. It's where you should place actions that have a global impact on the app, such as "Search," "Compose email," and "Settings".
- D. It is a sub-menu of an options menu item.

**Answer: B**

**Question No : 10**

What does the Android project folder “res/” contain?

- A. Java Activity classes
- B. Resource files
- C. Java source code
- D. Libraries

**Answer: B**

**Question No : 11**

The values of which of the following classes cannot be mapped in a Bundle object?

- A. Parcelable
- B. String
- C. ArrayList
- D. Context

**Answer: D**

**Question No : 12**

Consider the following code:

```
Intent intent = new Intent();  
intent.setAction(Intent.ACTION_VIEW);  
intent.setData(android.net.Uri.parse("http://www.androidatc.com"));  
startActivity(intent);
```

Which of the following is correct about the code above?

- A. It sends a result to a new Activity in a Bundle.
- B. It will not compile without adding the INTERNET permission the Manifest file.
- C. It starts any activity in the application that has a WebView in its layout.
- D. When it is executed, the system starts an intent resolution process to start the right Activity.

**Answer: D**

**Question No : 13**

What is a correct statement about an XML layout file?

- A. A layout PNG image file.
- B. A file used to draw the content of an Activity.
- C. A file that contains all application permission information.
- D. A file that contains a single activity widget.

**Answer: B**

**Question No : 14**

Which of the following is the base class of all UI components?

- A. ListView
- B. Layout
- C. View
- D. ViewGroup

**Answer: C**

**Question No : 15**

Which of the following lines of code is used to pass a value to the next activity?

- A. Intent i = new Intent(this,newActivity);
- B. addExtra("test");startActivity(i);
- C. Intent i = new Intent(this,newActivity);
- D. putValue("test");startActivity(i);
- E. Intent i = new Intent(this,newActivity);
- F. putValue("value1","test");startActivity(i);
- G. Intent i = new Intent(this,newActivity);
- H. putExtra("value1","test");startActivity(i);

**Answer: D**

**Question No : 16**

Consider the following AndroidManifest.xml file:

```
<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
package="com.mkyong.android"
android:versionCode="1"
android:versionName="1.0" >
<uses-sdk android:minSdkVersion="10" />
<uses-permission android:name="android.permission.WebActivity " />
<application
android:icon="@drawable/ic_launcher"
android:label="@string/app_name" >
<activity
android:name=".WebViewActivity"
android:theme="@android:style/Theme.NoTitleBar" >
<intent-filter >
<action android:name="android.intent.action.MAIN" />
<category android:name="android.intent.category.LAUNCHER" />
```

</intent-filter>

</activity>

</application>

</manifest>

Supposing the application connects to the internet at startup, which of the following is true?

- A. The application throws an exception indicating it does not have permission to access the URL.
- B. The application will work as intended.
- C. The application won't compile.
- D. The application throws a `java.lang.SecurityException`.

**Answer: C**

**Question No : 17**

Which configuration file holds the permission to use the internet?

- A. Layout file
- B. Property file
- C. Java source file
- D. Manifest file

**Answer: D**

**Question No : 18**

Which of these is NOT recommended in the Android Developer's Guide as a method of creating an individual View?

- A. Create it by extending the `android.view.View` class
- B. Create it by extending already existing View classes such as `Button` or `TextView`
- C. Create it by copying the source of an already existing View class such as `Button` or

TextView

D. Create it by combining multiple Views

**Answer: C**

**Question No : 19**

Method onDraw() of class android.view.View has the following signature:

- A. public void onDraw(Color)
- B. public void onDraw(Canvas)
- C. public boolean onDraw(Canvas)
- D. public Canvas onDraw()

**Answer: B**

**Question No : 20**

When is the intent resolution process triggered?

- A. When the system receives an implicit intent to start an activity.
- B. When an explicit intent starts a service.
- C. When the system receives an explicit intent to start an activity.
- D. When the application calls method startActivityIntentResolution.

**Answer: A**

**Question No : 21**

Which of the following a Notification object must contain? (Choose three)

- A. A small icon
- B. A detail text.
- C. A notification sound
- D. A title

**Answer: A,B,D**

**Question No : 22**

To create a customized Adapter for a compound list item layout , you should:

- A.** Extend class android.widget.Adapter or any of its descendants then override method getView()
- B.** Extend class android.widget.ListView or any of its descendants, then override method getView()
- C.** Extend class android.widget.AbsAdapter or any of its descendants, then override method getView()
- D.** Extend class android.widget.Adapter or any of its descendants, then override method getAdapterView()

**Answer: A**

**Question No : 23**

Which of the following best explains the Android option menus?

- A.** It is a popup menu that displays a list of items in a vertical list anchored to the view that invoked the menu.
- B.** It is a floating menu that appears when the user performs a long-click on an element. It provides actions that affect the selected content or context frame.
- C.** It is the primary collection of menu items for an activity where you should place actions that have a global impact on the app, such as "Search," "Compose email," and "Settings."
- D.** It is a type of List Activity with predefined headers and footers for special commands.

**Answer: B**

**Question No : 24**

What Eclipse plug-in is required to develop Android application?