



AND-401 Q&As Android Application Development

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Vendor: Android

Exam Code: AND-401

Exam Name: Android Application Development

Q&As: Demo

QUESTION 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.

Correct Answer: A

QUESTION 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.

Correct Answer: D

QUESTION 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()

Correct Answer: B

QUESTION 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

Correct Answer: A

QUESTION 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

Correct Answer: D

QUESTION 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.

Correct Answer: D

QUESTION 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()

Correct Answer: C

QUESTION 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()

Correct Answer: C

QUESTION 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.

Correct Answer: B

QUESTION 10

What does the Android project folder "res/" contain?

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

Correct Answer: B

QUESTION 11

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

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

Correct Answer: D

QUESTION 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.

Correct Answer: D

QUESTION 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.

Correct Answer: B

QUESTION 14

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

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

Correct Answer: C

QUESTION 15

Which of these is the correct explanation regarding the following methods?

- (1) android.content.Context.sendBroadcast
- (2) android.content.Context.startActivity

- A. Both methods are defined by overloading.
- B. Both methods throw an exception.
- C. Both methods are asynchronous.
- D. Both methods are able to broadcast an Intent.

Correct Answer: D

QUESTION 16

When creating a file using android.content.Context.openFileOutput("test.txt", 0), where is the file created?

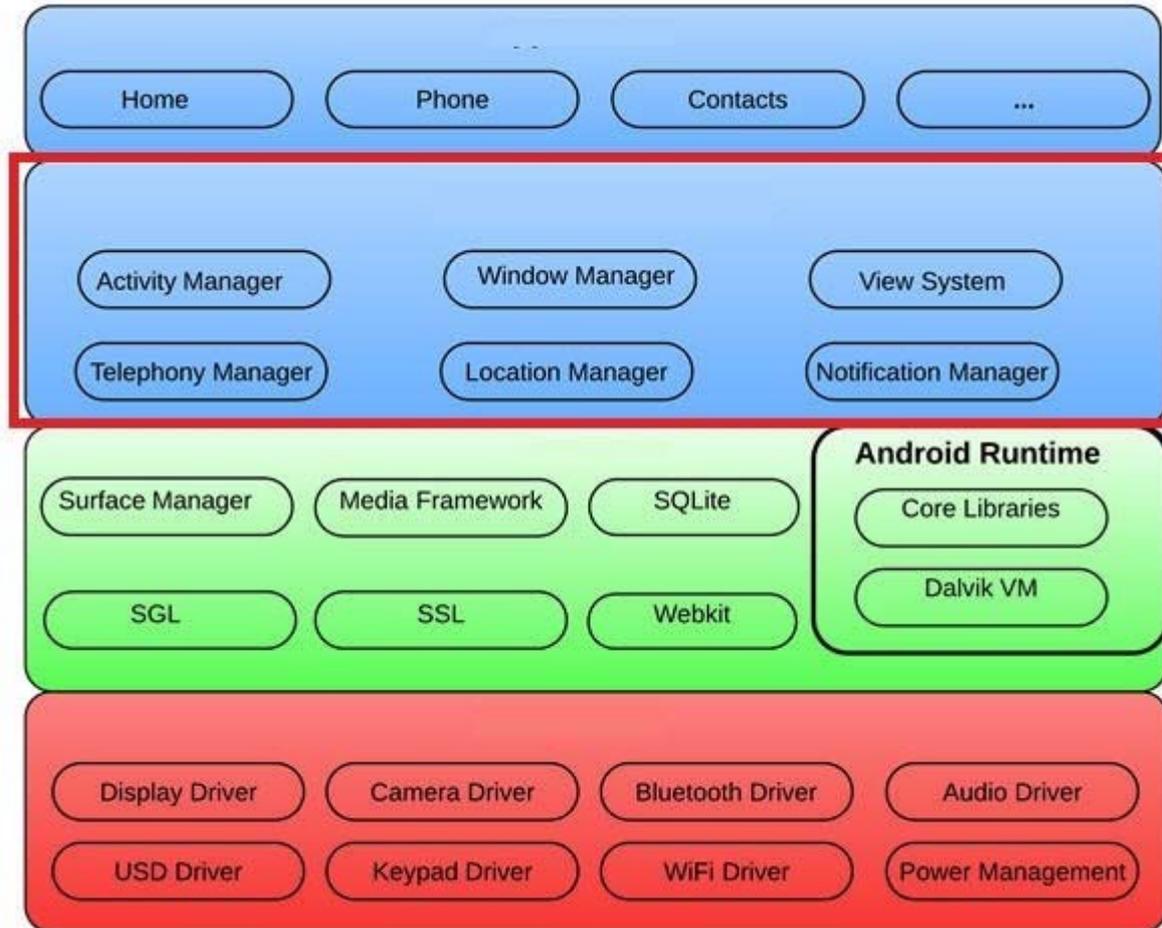
- A. /data/app/<package name>/files
- B. /data/data/<package name>/files
- C. /system/app/<package name>/files
- D. Application /system/data/<package name>/files

Correct Answer: B

QUESTION 17

What is the second layer from top called in the following diagram of Android's Architecture

Exhibit:



- A. Applications layer.
- B. Application framework.
- C. Linux kernel.
- D. Android runtime.

Correct Answer: B

QUESTION 18

Which of the following is NOT true about class AsyncTask?

- A. It must be used by sub-classing it.
- B. It must be created on the UI thread.
- C. Its sub-class override at least two methods: doInBackground, onPostExecute.
- D. It uses three generic types.

Correct Answer: C

QUESTION 19

What method you should override to use Android menu system?

- A. onCreateOptionsMenu()
- B. onCreateMenu()
- C. onCreateOptionsMenu()
- D. onMenuCreated()

Correct Answer: A

QUESTION 20

Which is the correct explanation of ListView?

- A. It is necessary to use ListView as a set with ListActivity.
- B. You cannot use a ListView when there is no information to be displayed.
- C. When displaying a list of Strings using an ArrayAdapter class in ListView, you must save the value in an ArrayList.
- D. ListView has a function to display a list of uniquely defined Views other than TextView.

Correct Answer: D

QUESTION 21

Which of the following are layout-related methods called by the framework on views, and you can override them when customizing a view? (Choose two)

- A. onMeasure()
- B. onDraw()
- C. onKeyUp()
- D. onSizeChanged()

Correct Answer: AD

QUESTION 22

Which of the following add a click listener to items in a listView?

- A. onClickListener
- B. onItemClickListener
- C. onItemClick
- D. onListItemClickListener

Correct Answer: B

QUESTION 23

Consider the following :

```
<?xml version="1.0" encoding="utf-8"?>
<menu xmlns:android="http://schemas.android.com/apk/res/android">
<item android:id="@+id/create_new"
android:title="@string/create_new" />
<item android:id="@+id/open"
android:title="@string/open" />
```

</menu>

```
public boolean onOptionsItemSelected(MenuItem item) {  
    switch (item.getItemId()) {  
        case R.id.create_new:  
            newFile();  
            return true  
        default:  
            return super.onOptionsItemSelected(item);  
    }  
}
```

Upon clicking on one of the menu items, the application did not behave as intended. Which of the following might be the cause of this problem?

- A. The developer did not set `onClickListener` on the menu item.
- B. The developer did not include a case that corresponds to the menu item in method `onOptionsItemSelected`.
- C. The developer should create `onOptionsItemSelected` method for each menu item.
- D. The developer should add the item to the menu resource file.

Correct Answer: B

QUESTION 24

Which of the following applies to the `onDraw()` method of class `View`? (Choose two)

- A. It must be overridden if a customize drawing of a view is required.
- B. It takes two parameters: a `Canvas` and a `View`.
- C. It takes one parameter of type `Canvas`.
- D. It uses the `Canvas` parameter to draw the border of the activity that contains it.

Correct Answer: AC

QUESTION 25

Which of the following is NOT true about class `DefaultHttpClient`?

- A. It supports HTTPS
- B. It supports streaming uploads and downloads
- C. It is only supported on Android versions 2.2 and older
- D. It is Android's default implementation of an HTTP client

Correct Answer: C

QUESTION 26

What Activity method you use to retrieve a reference to an Android view by using the id attribute of a resource XML?

- A. `findViewByIdReference(int id)`
- B. `findViewById(int id)`
- C. `retrieveResourceById(int id)`
- D. `findViewById(String id)`

Correct Answer: B

QUESTION 27

Consider the following code snippet:

```
String[] result_columns = new String[]{KEY_ID, COL1, COL2};
```

```
Cursor allRows = myDatabase.query(true, DATABASE_TABLE, result_columns,  
null,null,null,null,null,null);
```

Which of the following prints out the values of COL1 column correctly if the result is not empty?

- A. `if (cursor.moveToFirst()) {do {System.out.println(cursor.getString(1));}while (cursor.moveToNext()); }`
- B. `do {System.out.println(cursor.getString(0));}while (cursor.moveToNext());`
- C. `if (cursor.moveToFirst()) {do {System.out.println(cursor.getString(0));}while (cursor.moveToNext()); }`
- D. `if (cursor != null) {do {System.out.println(cursor.getString(1));}while (!cursor.isNull()); }`

Correct Answer: A

QUESTION 28

Which of the following is true about the Dialog class? (Choose two)

- A. You can add a custom layout to a dialog using `setContentView()`.
- B. A dialog has a life-cycle independent of the Activity.
- C. A dialog is displayed on the screen using method `show()`.
- D. It does not have a method to access the activity that owns it.

Correct Answer: AC

QUESTION 29

Which of the following classes is used by Intent to transfer data between different android components?

- A. Extras
- B. Bundle
- C. Parcelable
- D. PendingIntent

Correct Answer: B

QUESTION 30

Which of the following does NOT correctly describe interface `android.widget.AdapterView`?

- A. It is an object that acts as a bridge between a View and underlying data for that view.
- B. It provides access to the data items.
- C. It provides access to deprecated `ListView` methods.
- D. It is responsible for making a View for each item in the data set.

Correct Answer: C

QUESTION 31

Which of the following is a correct Android Manifest statement?

- A. `<uses-permission android:name ="android.Internet"/>`
- B. `<uses-permission android:name ="android.Internet"></uses-permission>`
- C. `<uses-permission android:name ="android.permission.Internet">`
- D. `<uses-permission android:name ="android.permission.Internet"/>`

Correct Answer: D

QUESTION 32

Which of the following is NOT true about method getWindow() of class Dialog do?

- A. It retrieves the current window for the activity.
- B. It can be used to access parts of the Windows API.
- C. It displays the dialog on the screen.
- D. It returns null if the activity is not visual.

Correct Answer: C

QUESTION 33

Which of the following is NOT true about onMeasure() method of class View?

- A. It measures the view and its contents to determine the measured width and height.
- B. It is invoked by measure().
- C. The When overriding this method, a developer must call setMeasuredDimension().
- D. It takes three parameters: the height, width, and the depth of the view.

Correct Answer: D

QUESTION 34

Which of the following is NOT true about the MenuItem interface?

- A. The MenuItem instance will be returned by the Menu class add(...) method.
- B. MenuItem can decide the Intent issued when clicking menu components.
- C. MenuItem can display either an icon or text.
- D. MenuItem can set a checkbox.

Correct Answer: B

QUESTION 35

Which of the following is true about this code snippet? (Choose two)

```
Intent intent = new Intent(Intent.ACTION_DIAL,Uri.parse("tel:555-1234"));
startActivity(intent);
```

- A. This is an explicit intent that start the system's dialer.
- B. The system will not dial the number without adding permission CALL_PHONE.
- C. The system will perform an intent resolution to start the proper activity.
- D. The code will not compile.

Correct Answer: AC

QUESTION 36

Which of the following is not included in the Android application framework?

- A. WindowManager
- B. NotificationManager
- C. DialerManager
- D. PackageManager

Correct Answer: C

QUESTION 37

You can create a custom view by extending class Activity.

- A. True
- B. False

Correct Answer: B

QUESTION 38

Which of these is the correct function of Traceview?

- A. Displays a graphical task execution log.
- B. Displays graphically a memory acquisition and release log.
- C. Displays graphically the call stack.
- D. Displays graphically the UI state hierarchy.

Correct Answer: A

QUESTION 39

Which of the following is the correct way to add access permission to your application?

- A. Add a <uses-permission> tag as a child tag of the <manifest> tag in AndroidManifest.xml.
- B. Add a <add-permission> tag as a child tag of the <manifest> tag in AndroidManifest.xml.
- C. Add a <uses-permission> tag as a child tag of the <application> tag in AndroidManifest.xml.
- D. add a <permission> tag as a child tag of the <application> tag in AndroidManifest.xml.

Correct Answer: A

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