

# EXAMUNION

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**Exam** : **OA0-002**

**Title** : Android Application  
Engineer Certifications  
Basic

**Version** : Demo

1.Which is the incorrect explanation of an Activity?

- A. If another Activity is instantiated when the Activity is executed, onPause() will be executed.
- B. When the Activity is displayed in the foreground, onResume() will be executed.
- C. When the Activity is displayed again, onRestart() will be executed instead of onStart().
- D. When the Activity returns from an onPause(), it sometimes can execute from onCreate().

**Answer: C**

2.Which of these is the incorrect explanation of the androiddebuggable attribute of the AndroidManifest.xml <application> tag.?

- A. If not set, it will be handled as "false".
- B. It is necessary to set this to "true" in order to use Eclipse's breakpoint function.
- C. The android:debuggable setup value can be read by an application.
- D. When releasing the application, deleting android:debuggable is recommended.

**Answer: B**

3.Which of these is the correct interface definition used to bind a Service?

- A. AIDL
- B. IDL
- C. KML
- D. XML

**Answer: A**

4.Which configuration file holds the permission to use GPS?

- A. Layout file
- B. Manifest file
- C. Source file
- D. Property file

**Answer: B**

5.Which of these is the correct explanation of BroadcastReceiver?

- A. The process which BroadcastReceiver makes active will be protected so that it cannot be force-quit.
- B. BroadcastReceiver will only be assumed active when executing getReceive().
- C. BroadcastReceiver notifies the source of optional processing results based on the broadcast contact(s).
- D. BroadcastReceiver displays a user interface.

**Answer: A**

6.Which of these is the incorrect explanation of 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.

**Answer: C**

7.Which is the correct file name of the NinePatch image created from a PNG using draw9patch? (Assume the file name of the original graphic was sample.png.)

- A. sample-9.png
- B. sample\_9.png
- C. sample.png
- D. sample.9.png

**Answer: D**

8.Which of these is not defined as a screen display state?

- A. Visible
- B. Foreground
- C. Background
- D. Non-visible

**Answer: D**

9.Which of these is the incorrect folder as a folder that is created automatically after completion of the Android Development Tools Plugin New Project Wizard?

- A. dat
- B. gen
- C. res
- D. src

**Answer: A**

10.Which of these is the correct explanation of an XML layout file?

- A. In order to display a UI defined in the XML layout file "main.xml", call the setContentView method of the Activity with the parameter string Bmain.xml".
- B. There is no distinction between implementation of the layout definition by code, or by XML layout file.
- C. In an Eclipse project using the ADT plugin, the XML layout file is found in the /res/layout directory.
- D. Layout information written in the XML layout file will be converted into code by the Android platform when the screen is displayed.

**Answer: C**

11.The DalvikVM core libraries are a subset of which of these?

- A. Java ME
- B. Java SE
- C. Java EE
- D. Doja

**Answer: B**

12.When creating the following Android project, which is the correct combination of (1)~(3)to add to the AndroidManifest.xml?

**New Android Project**

The API level for the selected SDK target does not match the Min SDK version.

Project name:

Contents

Create new project in workspace  
 Create project from existing source  
 Use default location

Location:

Create project from existing sample

Samples:

Build Target

Target Name	Vendor	Platform	API Level
<input type="checkbox"/> Android 1.5	Android Open Source Project	1.5	3
<input type="checkbox"/> Google APIs	Google Inc.	1.5	3
<input checked="" type="checkbox"/> Android 1.6	Android Open Source Project	1.6	4
<input type="checkbox"/> Google APIs	Google Inc.	1.6	4
<input type="checkbox"/> Android 2.0.1	Android Open Source Project	2.0.1	6
<input type="checkbox"/> Google APIs	Google Inc.	2.0.1	6
<input type="checkbox"/> Android 2.1	Android Open Source Project	2.1	7
<input type="checkbox"/> Google APIs	Google Inc.	2.1	7

Properties

Application name:

Package name:

Create Activity:

Min SDK Version:

## AndroidManifest.xml

```

01: <?xml version="1.0" encoding="utf-8"?>
02: <manifest xmlns:android="http://schemas.android.com/apk/res/android"
03:           (1)
04:     android:versionCode="1"
05:     android:versionName="1.0">
06:     <application android:icon="@drawable/icon" android:label="@string/app_name">
07:         <activity (2)
08:             android:label="@string/app_name">
09:             <intent-filter>
10:                 <action android:name="android.intent.action.MAIN" />
11:                 <category android:name="android.intent.category.LAUNCHER" />
12:             </intent-filter>
13:         </activity>
14:     </application>
15:           (3)
16: </manifest>

```

- a. (1)package="jp.oesf.sample"  
(2)android:name="jp.oesf.sample.MainActivity"  
(3)<uses-sdk android:minSdkVersion="6"/>
- b. (1)package="jp.oesf.sample"  
(2)android:name="MainActivity"  
(3)<uses-sdk android:minSdkVersion="4"/>
- c. (1)package="jp.oesf.sample"  
(2)android:name=".MainActivity"  
(3)<uses-sdk android:minSdkVersion="6"/>
- d. (1)package="jp.oesf.sample"  
(2)android:name="MainActivity"  
(3)<uses-sdk android:minSdkVersion="6"/>

- A. Option a
- B. Option b
- C. Option c
- D. Option d

**Answer: C**

13. Which language is not supported in the Android Scripting Environment (ASE)?

- A. Perl
- B. JScript
- C. Lua
- D. BeanShell

**Answer: B**

14. Which of these is the correct description of file access?

- A. Generally, files are handled as dedicated resources per each application.
- B. Files created by an application can be directly accessed by any application.
- C. The content of file created by application cannot be accessed by other application.
- D. In order to access a file, the open FileStream method is provided in the Context class

**Answer: A**

15. The following code is a part of an Activity class to create a dialog. Which is the Activity class method used to display this dialog?

```
01: @Override
02: protected Dialog onCreateDialog(int id) {
03:     return new AlertDialog.Builder(this).setMessage("message").create();
04: }
```

- A. void createDialog();

- B. void createDialog(int id);
- C. void show();
- D. void showDialog(int id);

**Answer: C**

16. Which of these is the correct method to persist SharedPreferences?

- A. XML file
- B. SQLite
- C. json file
- D. Java object

**Answer: A**

17. Which of these is the incorrect explanation of the Java Native Interface (JNI)?

- A. JNI does not provide garbage collection on the native side, outside the memory resources of the Java Virtual Machine.
- B. Even if native code is used with JNI, it does not necessarily mean an improvement in the application processing speed.
- C. A Java exception can be generated from a native method, but it cannot be caught on the Java side.
- D. Header files generated on the Java side are included and implemented in the native (C/C++) side source code.

**Answer: D**

18. Which of these is called after the end of each test method of ActivityInstrumentationTestCase2, a class which provides the unit Activity function tests?

- A. runTest
- B. tearDown
- C. setUp
- D. setActivityIntent

**Answer: B**

19. Which is the correct explanation of ListView?

- A. It is necessary to use ListView as a set with ListActivity.
- B. There is a function in ListView which displays a message when there is no information to be displayed.
- C. When displaying an array using an Adapter class in ListView, it is necessary to convert it into a Collection class.
- D. ListView has a function to display a list of uniquely defined Views other than TextView.

**Answer: D**

20. Which of these Activity class methods must be overridden when creating a Menu that is displayed when the device's Menu button is pressed?

- A. onCreateContextMenu
- B. onMenuOpened
- C. onCreateOptionsMenu
- D. openOptionsMenu

**Answer: C**