Vendor: Android

Exam Code: OA0-002

Exam Name: Android Application Engineer Certifications
Basic

Version: DEMO
QUESTION 1
Which of these is the correct explanation of the UI/Application Exerciser Monkey (Monkey tool)?

A. It can execute tests covering all events.
B. It can execute stress tests and sometimes discover new bugs.
C. Even if an error is discovered, it cannot repeatedly reproduce the same operating state.
D. Since it reduces the interval between events as much as possible, it operates in a heavily-loaded state.

Answer: B

QUESTION 2
Which of these is the incorrect explanation of the Android SDK and AVD Manager?

A. They are provided from version 1.6 of the SDK. Up to Version 1.5, there was an AVD Manager but it lacked SDK management functions.
B. You can create and startup AVD, and on startup you can delete user data up to that point.
C. The "android" command can be used if "<SDK install folder>/tools" is added to the command path.
D. The development tools that can be downloaded from Android SDK and AVD Manager are SDK-platform, NDK-platform, emulator images, and USB drivers for handsets.

Answer: D

QUESTION 3
Which is the correct explanation of the Foo.java source code?

```java
01: class Foo {
02:     private native String bar(String s, int i, int j);
03:     public static void main (String[] args) {
04:         Foo foo = new Foo();
05:         String str = foo.bar("JNI Problem", 2, 3);
06:         System.out.println(str);
07:     }
08: }
09: static {
10:     System.loadLibrary("Foo");
11: }
12: }
```

A. Since mapping will occur to C/C++, int must be declared as jint.
B. String, which is a reference type, cannot be used in the native method.
C. Visibility cannot be declared as private in the native method.
D. The compile will succeed without problems.

Answer: D
QUESTION 4
Which of the following dialogs is displayed at the time of executing the given code? (Assume no problems in the rest of the application.)

```java
01: AlertDialog.Builder builder = new AlertDialog.Builder(this);
02: builder.setTitle("Color");
03: builder.setSingleChoiceItems(new String[] {"Red", "Green", "Blue"}, 1, null);
04: AlertDialog dialog = builder.create();
05: dialog.show();
```

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

Answer: C
QUESTION 5
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.

Answer: D

QUESTION 6
Which of these is the incorrect role for an Intent?

A. Start an Activity
B. Start a BroadcastReceiver
C. Start a ContentProvider
D. Start a Service

Answer: C

QUESTION 7
Which is not included in the Android application framework?

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

Answer: C

QUESTION 8
The emulator supports mounting disk image files instead of an actual SD card. Which is the correct creation method of this?

A. mksdcard -l 2048 mysd.img
B. mksdcard -create -l mysd 2048 mysd.img
C. mksdcard -create -l mysd 2GB mysd.img
D. mksdcard -l mysd 2048MB mysd.img

Answer: D

QUESTION 9
Which is of these is the incorrect explanation of layoutopt?

A. It is a tool used on the command line and does not have GUI.
B. It helps optimize application layout and layout hierarchy.
C. It operates on the layout file.
D. It can be used as an SDK tool from revision 4 and later.

Answer: D

**QUESTION 10**
Which of these is the correct explanation of the Android Interface Description Language?

A. It enables data exchange between different applications.
B. You cannot use Java primitive types as method parameters.
C. Multiple methods can be defined in one AIDL file.
D. It provides an environment for executing script languages.

Answer: C

**QUESTION 11**
Which of these is the incorrect package which holds classes needed for Android network connections?

A. java.net
B. org.apache.http
C. android.location
D. android.net

Answer: C

**QUESTION 12**
The following code is a part of a program which sends a status bar notification. Which is the correct code to put into (1) so that it will automatically cancel the notification after it occurs?

```java
01: Notification notification = new Notification(icon, tickerText, when);
02: notification.setLatestEventInfo(context, contentTitle, contentText, contentIntent);
03: [ ]
04: notificationManager.notify(1, notification);
```

A. notification.flags = Notification.FLAG_INSISTENT;
B. notification.flags = Notification.FLAG_AUTO_CANCEL;
C. notification.setFlags(Notification.FLAG_AUTO_CANCEL);
D. notification.setFlags(Notification.FLAG_INSISTENT);

Answer: B

**QUESTION 13**
Which shows the correct Android architecture?
A. (1)Linux Kernel (2)Application framework (3)Library (4)Android runtime (5)Application
B. (1)Linux Kernel (2)Android runtime (3)Library (4)Application framework (5)Application
C. (1)Android runtime (2)Linux Kernel (3)Library (4)Application framework (5)Application
D. (1)Linux Kernel (2)Library (3)Android runtime (4)Application framework (5)Application

Answer: D

**QUESTION 14**
Which of these is the incorrect explanation of ProgressDialog?

A. ProgressDialog inherits from the AlertDialog class.
B. ProgressDialog can be set as 2 types of style: STYLEJHORIZONTAL and STYLE_SPINNER.
C. ProgressDialog is able to apply a custom XML-defined layout by using the setContentView(...) method.
D. ProgressDialog can be freely configured to use a Drawable class to display as its progress bar.

Answer: C

**QUESTION 15**
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.

Answer: A