The "Mobile Cloud Computing with Android" Specialization   [Learn More]   ✕

Feedback — Week 3 Quiz

You submitted this quiz on **Wed 5 Feb 2014 1:13 AM PST**. You got a score of **9.00** out of **9.00**.

Question 1

Suppose that an application includes an Activity named A, and that the application declares an <activity> tag for A within its AndroidManifest.xml file. If Activity A should be the main entry point for this application, then it will specify an <intent-filter> element, containing an <action> element. What value should you include to complete the following <action> element definition - <action android:name= "...."/>?

You entered:

```
<action android:name="android.intent.action.MAIN"/>
```

Your Answer		Score	Explanation
<action android:name="android.intent.action.MAIN"/>	✔	1.00	
Total		1.00 / 1.00	

Question 2

Suppose that an application includes an Activity named A and that the application declares an activity tag for A within its AndroidManifest.xml file. If Activity A will be the main entry point for its application and if an icon for this application/activity should appear in the top-level launcher, how should you complete the following <category> element - <category android:name="..."/>?

You entered:

```
<category
android:name="android.intent.category.LAUNCHER"/>
```

Your Answer	Score	Explanation
`<category android:name="android.intent.category.LAUNCHER"/>`	✔ 1.00	
Total	1.00 / 1.00	

Question 3

The MapLocationFromContacts application created an Intent with the Action, Intent.ACTION_PICK and a with data URI representing the contacts database. It then invoked an Activity using startActivityForResult(). What type of data will the started Activity return?

Your Answer	Score	Explanation
○ Phone number.		
○ Images.		
○ Text containing Contact Data items.		
● A String Uri.	✔ 1.00	
Total	1.00 / 1.00	

Question 4

Suppose you create an application that uses the Vibration Service to make a device vibrate as a deadline approaches. To receive permission to use the Vibrator Service, you will need to add a <uses-permission> element to your application's AndroidManifest.xml file. What permission value should you use to complete the <uses-permission> element - <uses-permission android:name="..."/>?

See: http://developer.android.com/reference/android/Manifest.permission.html for more information.

You entered:

android.permission.VIBRATE

Your Answer		Score	Explanation
android.permission.VIBRATE	✔	1.00	
Total		1.00 / 1.00	

Question 5

Suppose you create an application that captures and stores personal information from the user, such as the medicines they are currently taking. Other applications may want to use this information and then provide add-on services over it, for example, to create 'time to take your pill' reminders. Which of the following tags would you put in your application's AndroidManifest.xml file to define a new application-specific permission for accessing your application.

Your Answer		Score	Explanation
◉ <permission>.	✔	1.00	
○ <uses-permission>.			
○ <permission-group>.			
○ <permission-tree>.			
Total		1.00 / 1.00	

Question 6

(True or False) The Fragment class is a subclass of the Activity class and replaces Activities on large screen devices such as Tablets.

Your Answer		Score	Explanation
○ True.			
◉ False.	✔	1.00	
Total		1.00 / 1.00	

Question 7

In which method do Fragments typically create their user interfaces?

Your Answer		Score	Explanation
○ onCreate().			
○ onActivityCreated().			
○ onAttach().			
◉ onCreateView().	✔	1.00	
Total		1.00 / 1.00	

Question 8

Which of the following are good reasons for dynamically modifying application layouts at runtime, rather than by using static layout files.

Your Answer		Score	Explanation
☐ Dynamically-created layouts will appear on the screen and will respond noticeably faster than static layouts will.	✔	0.25	
☑ Dynamic layouts can take advantage of contextual information that's not tracked by Android's configuration	✔	0.25	

system (such as current location, usage time, or ambient light measurements).

☐ Static layouts can't take advantage of contextual information, such as the device's orientation.	✔	0.25
☑ Dynamically-created user interfaces can adapt to an application's runtime state, such as the amount of data that needs to be displayed at any one time.	✔	0.25
Total		1.00 / 1.00

Question 9

Suppose you have an Activity that hosts a Fragment. This Fragment has invoked the setRetainInstance() method, passing in the parameter true. Which of the following Fragment lifecycle methods will not be called if the Activity is later killed and restarted due to a reconfiguration?

Your Answer		Score	Explanation
☐ onDestroyView().	✔	0.20	
☐ onAttach().	✔	0.20	
☑ onCreate().	✔	0.20	
☑ onDestroy().	✔	0.20	
☐ onCreateView().	✔	0.20	
Total		1.00 / 1.00	