

Feedback — Week 5 Quiz

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You submitted this quiz on **Wed 18 Feb 2015 7:58 PM PST**. You got a score of **9.00** out of **9.00**.

Question 1

(True or False) Java Threads running in the same Process share dynamically-allocated memory.

Your Answer		Score	Explanation
<input checked="" type="radio"/> True.	✓	1.00	
<input type="radio"/> False.			
Total		1.00 / 1.00	

Question 2

(True or False) Once a Java Thread is created, it typically starts running as soon as the operating system can schedule it.

Your Answer		Score	Explanation
<input type="radio"/> True.			
<input checked="" type="radio"/> False.	✓	1.00	
Total		1.00 / 1.00	

Question 3

If your Activity creates its user interface hierarchy during a call to its onCreate() method, how do you know in which Thread onCreate() was called? Choose the single best answer.

Your Answer	Score	Explanation
<input checked="" type="radio"/> The onCreate() is always run in the UI thread.	✓ 1.00	
<input type="radio"/> Use LogCat to print out the Thread's ID.		
<input type="radio"/> Examine the application's code to determine whether the call occurred in an application-generated Thread or in one of the system's Threads.		
<input type="radio"/> Examine the application's AndroidManifest.xml file.		
Total	1.00 / 1.00	

Question 4

Which of the following methods is guaranteed to run on the application's UI Thread?

Your Answer	Score	Explanation
<input type="checkbox"/> Handler.sendMessage().	✓ 0.25	
<input type="checkbox"/> AsyncTask.doInBackground().	✓ 0.25	
<input checked="" type="checkbox"/> View.post().	✓ 0.25	
<input checked="" type="checkbox"/> Activity.runOnUiThread().	✓ 0.25	
Total	1.00 / 1.00	

Question 5

Which of the following statements correctly capture why an application that uses a Handler, might send Messages to the Handler, rather than post Runnables to it, or vice versa?Question text

Your Answer	Score	Explanation
<input type="checkbox"/> Messages can take parameters. Runnables can't.	✓ 0.25	
<input checked="" type="checkbox"/> Runnables are used when the Sender implements the action to be taken.	✓ 0.25	
<input type="checkbox"/> Runnables are less efficient than messages.	✓ 0.25	
<input checked="" type="checkbox"/> Messages are used when the Handler implements the Message response.	✓ 0.25	
Total	1.00 / 1.00	

Question 6

Android supports several HTTP clients. Which one of the following HTTP clients will be Android's preferred HTTP client in the future? See <http://android-developers.blogspot.com/2011/09/androids-http-clients.html> for more information.

Your Answer	Score	Explanation
<input type="radio"/> AndroidHttpClient.		
<input type="radio"/> URLStream		
<input checked="" type="radio"/> HttpURLConnection.	✓ 1.00	
<input type="radio"/> DefaultHttpClient		
Total	1.00 / 1.00	

Question 7

Which of the following data formats did we discuss in these lectures?

Your Answer		Score	Explanation
<input type="checkbox"/> Python	✓	0.25	
<input type="checkbox"/> KML	✓	0.25	
<input checked="" type="checkbox"/> JSON	✓	0.25	
<input checked="" type="checkbox"/> XML	✓	0.25	
Total		1.00 / 1.00	

Question 8

Which of the following statements are generally true about DOM parsers?

Your Answer		Score	Explanation
<input checked="" type="checkbox"/> DOM parsers tend to use more memory than the other kinds of Parsers we discussed in this lesson.	✓	0.25	
<input type="checkbox"/> DOM parsers provide iterators that pull XML content into an application on demand.	✓	0.25	
<input checked="" type="checkbox"/> DOM parsers convert an XML document into a tree structure, which can make it easier to do whole document analyses.	✓	0.25	
<input type="checkbox"/> DOM parsers use a streaming model in which the parser calls back into the application when specific elements are parsed.	✓	0.25	
Total		1.00 / 1.00	

Question 9

The JavaScript Object Notation Language represents information using two types of data structures. Which two of the following are those data structure?

Your Answer		Score	Explanation
<input checked="" type="checkbox"/> Lists	✓	0.25	
<input type="checkbox"/> Bags	✓	0.25	
<input checked="" type="checkbox"/> Maps	✓	0.25	
<input type="checkbox"/> Trees	✓	0.25	
Total		1.00 / 1.00	