Android Platform and Development Environment

Quiz, 16 questions

1 point

1.

The Android Platform comprises several components. Which of the following did I NOT say was part of the Android Platform?

- ✓ Documentation
- ○ Network protocol analyzers
- ○ Software Stack
- ○ Software Developers Kit

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1 point

2.

(True or False): Android Virtual Devices can be created to mimic specific physical devices, such as a Nexus One, or a Galaxy Nexus tablet.

- ✓ True
- ○ False

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1 point

3.

(True or False): Some Android applications depend on recent Java features, such as the try-with-resources statement. Therefore, it is important to make sure that you've installed the latest version of Java in your development environment.
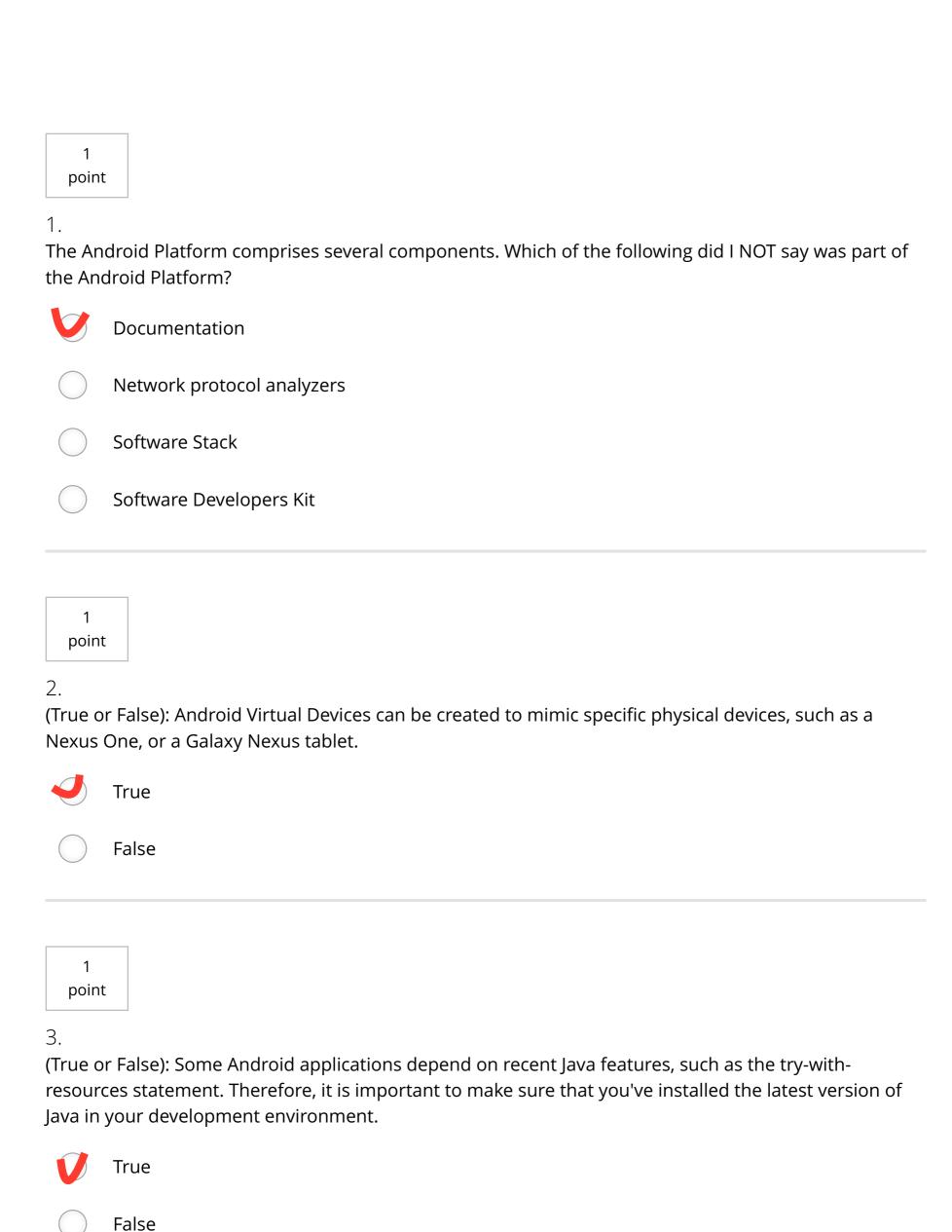
- ✓ True
- ○ False

4.

(True or False): The Traceview tool automatically collects and displays line coverage information when you run Junit test cases on your Android applications.

○ True

○ False

5.

(True or False): Android emulators can be controlled externally via a telnet session.

✓ True

○ False

6.

(True or False): Eclipse is the IDE of choice for Android. Other IDEs won't provide all the Android development tools that Eclipse does.

○ True

○ False

7.

Android's Linux Kernel is not exactly the same as the Linux Kernels typically running on desktop machines. Why would Android modify the Linux Kernel for Android?

○ To support new types of graphical user interfaces.

○ To create competing kernel APIs.

✓ Mobile devices require features that are not usually needed on traditional desktop devices.

8.

In which of the following programming languages are Android's Native libraries typically written?

○ Java

✓ C/C++

○ Scala

○ Python

9.

The Resource Manager helps with internationalizing applications. Which of the following might explain why that's important to Android developers?

○ US law requires English as the official language of mobile applications.

○ Android applications might crash if they expected an English string, but got a Chinese character instead.

○ Android phones and applications are sold to and used by people who speak languages other than English.

10.

Which of following kinds of information does the Location Manager provide to applications?

☐ User movement.

☐ The direction to Earth's magnetic north.

☐ User location.

☐ Ambient temperature.

11.

Which one of the following user interface elements 1) is found in the View System and 2) was shown in the Phone application demonstrated in this week's lecture video? Note: If you want to get a peek at a bunch of Android's graphical user interface elements, see:
http://developer.android.com/design/building-blocks

○ Tabs

○ Notification Bars

○ GridLists

12.

Take a look at the following website: http://developer.android.com. Which of the following statements best describes the purpose of this website?

○ General Android information and documentation.

○ In-person networking.

○ Question and answer forums.

13.

Take a look at the following website: http://stackoverflow.com/questions/tagged/android. Which of the following statements best describes the purpose of this website?

○ General Android information and documentation.

○ In-person networking.

○ Question and answer forums.

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14.

Take a look at the following website: http://www.meetup.com/DC-Droids/. Which of the following statements best describes the purpose of this website?

○ General Android information and documentation.

○ In-person networking.

○ Question and answer forums.

1
point

15.

Take a look at the following website: https://groups.google.com/group/android-developers. Which of the following statements best describes the purpose of this website?

○ General Android information and documentation.

○ In-person networking.

○ Question and answer forums.

1
point

16.

Take a look at the following website: http://android-developers.blogspot.com. Which of the following statements best describes the purpose of this website?

○ General Android information and documentation.

○ In-person networking.

○ Question and answer forums.

☐ I, **binay shah**, understand that submitting work that isn't my own may result in permanent failure of this course or deactivation of my Coursera account.

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