

# Android Platform and Development Environment

Quiz, 16 questions

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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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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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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
-

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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
- 

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5.

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

- ☐ True
- ☐ False
- 

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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
- 

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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.

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8.

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

- ☐ Java
  - ☐ C/C++
  - ☐ Scala
  - ☐ Python
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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.
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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.

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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
- 

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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.
- 

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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.
- 

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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.
- 

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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.
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