**Question 1**

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

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| --- | --- | --- | --- |
| **Your Answer** |  | **Score** | **Explanation** |
| Software Stack |  |  |  |
| Documentation |  |  |  |
| Software Developers Kit |  |  |  |
| Network protocol analyzers | Correct | 1.00 |  |
| Total |  | 1.00 / 1.00 |  |

**Question 2**

There are many resources available to you to help you learn about the Android Platform. Take a moment now to explore each of the following websites. Afterwards, classify each website according to how it supports learning about Android. Does it a) provide general information, b) support asking specific questions, or c) support in-person networking.

http://developer.android.com

|  |  |  |  |
| --- | --- | --- | --- |
| **Your Answer** |  | **Score** | **Explanation** |
| General Information | Correct | 1.00 |  |
| In-person networking |  |  |  |
| Question and Answer |  |  |  |
| Total |  | 1.00 / 1.00 |  |

**Question 3**

http://stackoverflow.com/questions/tagged/android

|  |  |  |  |
| --- | --- | --- | --- |
| **Your Answer** |  | **Score** | **Explanation** |
| General Information |  |  |  |
| In-person networking |  |  |  |
| Question and Answer | Correct | 1.00 |  |
| Total |  | 1.00 / 1.00 |  |

**Question 4**

http://www.meetup.com/DC-Droids/

|  |  |  |  |
| --- | --- | --- | --- |
| **Your Answer** |  | **Score** | **Explanation** |
| General Information |  |  |  |
| In-person networking | Correct | 1.00 |  |
| Question and Answer |  |  |  |
| Total |  | 1.00 / 1.00 |  |

**Question 5**

https://groups.google.com/group/android-developers

|  |  |  |  |
| --- | --- | --- | --- |
| **Your Answer** |  | **Score** | **Explanation** |
| General Information |  |  |  |
| In-person networking |  |  |  |
| Question and Answer | Correct | 1.00 |  |
| Total |  | 1.00 / 1.00 |  |

**Question 6**

http://android-developers.blogspot.com

|  |  |  |  |
| --- | --- | --- | --- |
| **Your Answer** |  | **Score** | **Explanation** |
| General Information | Correct | 1.00 |  |
| In-person networking |  |  |  |
| Question and Answer |  |  |  |
| Total |  | 1.00 / 1.00 |  |

**Question 7**

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

|  |  |  |  |
| --- | --- | --- | --- |
| **Your Answer** |  | **Score** | **Explanation** |
| Mobile devices require features not usually needed on traditional desktop devices. | Correct | 1.00 |  |
| To support new types of graphical user interfaces. |  |  |  |
| To create competing kernel APIs. |  |  |  |
| Total |  | 1.00 / 1.00 |  |

**Question 8**

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

|  |  |  |  |
| --- | --- | --- | --- |
| **Your Answer** |  | **Score** | **Explanation** |
| Scala |  |  |  |
| Java |  |  |  |
| Python |  |  |  |
| C/C++ | Correct | 1.00 |  |
| Total |  | 1.00 / 1.00 |  |

**Question 9**

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

|  |  |  |  |
| --- | --- | --- | --- |
| **Your Answer** |  | **Score** | **Explanation** |
| Android phones and applications are sold to and used by people who speak languages other than English. | Correct | 1.00 |  |
| Android applications might crash if they expected an English string, but got a Chinese character instead. |  |  |  |
| US law requires English as the official language of mobile applications. |  |  |  |
| Total |  | 1.00 / 1.00 |  |

**Question 10**

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

|  |  |  |  |
| --- | --- | --- | --- |
| **Your Answer** |  | **Score** | **Explanation** |
| Ambient Temperature. | Correct | 0.25 |  |
| User movement. | Correct | 0.25 |  |
| The direction to Earth's magnetic north. | Correct | 0.25 |  |
| User location | Correct | 0.25 |  |
| Total |  | 1.00 / 1.00 |  |

**Question 11**

Which one of the following user interface elements 1) is found in the View System and 2) was shown in the Phone application? 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

|  |  |  |  |
| --- | --- | --- | --- |
| **Your Answer** |  | **Score** | **Explanation** |
| Tabs | Correct | 1.00 |  |
| Notification Bars |  |  |  |
| GridLists |  |  |  |
| Total |  | 1.00 / 1.00 |  |

**Question 12**

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

|  |  |  |  |
| --- | --- | --- | --- |
| **Your Answer** |  | **Score** | **Explanation** |
| True |  |  |  |
| False | Correct | 1.00 |  |
| Total |  | 1.00 / 1.00 |  |

**Question Explanation**Eclipse is only one of several IDE's that Android developers can use to write their applications.

**Question 13**

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

|  |  |  |  |
| --- | --- | --- | --- |
| **Your Answer** |  | **Score** | **Explanation** |
| True | Correct | 1.00 |  |
| False |  |  |  |
| Total |  | 1.00 / 1.00 |  |

**Question 14**

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

|  |  |  |  |
| --- | --- | --- | --- |
| **Your Answer** |  | **Score** | **Explanation** |
| True |  |  |  |
| False | Correct | 1.00 |  |
| Total |  | 1.00 / 1.00 |  |

**Question 15**

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

|  |  |  |  |
| --- | --- | --- | --- |
| **Your Answer** |  | **Score** | **Explanation** |
| True |  |  |  |
| False | Correct | 1.00 |  |
| Total |  | 1.00 / 1.00 |  |

**Question 16**

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

|  |  |  |  |
| --- | --- | --- | --- |
| **Your Answer** |  | **Score** | **Explanation** |
| True | Correct | 1.00 |  |
| False |  |  |  |
| Total |  | 1.00 / 1.00 |  |