1)
Select the correct statement regarding Android's ContentResolver:  ContentResolver provides a unified interface for accessing and manipulating data across different Android components in the same app.
ContentResolver provides a dedicated interface, one for each Android app accessing and manipulating the ContentProvider data.
■ ContentResolver provides a unified interface for accessing and manipulating data across different Android applications.
2)
What is the purpose of the Android sandbox?
The Android sandbox isolates third-party apps from system apps, preventing malicious ones from accessing sensitive data or performing unauthorized actions.
The Android sandbox isolates individual apps from each other and the underlying OS, preventing malicious ones from accessing sensitive data or performing unauthorized actions.
The Android sandbox isolates individual apps from the underlying OS, preventing malicious ones from accessing sensitive data or performing unauthorized actions.
3)
The Android signature
is a security mechanism that prevents repackaging attacks
is a security mechanism that guarantees the trust in the Android app
is a security mechanism required for building the Android sandbox  ★
[correct: the first]
4)
The entry point of an Android app
might be any component, as far as it has a GUI
might be any component
⊚ should always be the Main Activity≭
[correct: the second]
[correct: the second] 5)
5)
5) An Android app component declared in the app Manifest file
An Android app component declared in the app Manifest file  can be reached by the components of other apps if it declares an Intent Filter and it is exported
An Android app component declared in the app Manifest file  can be reached by the components of other apps if it declares an Intent Filter and it is exported  can be reached by the components of other apps by default  can be reached by the other components of the same app only if it is exported ×
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An Android app component declared in the app Manifest file  can be reached by the components of other apps if it declares an Intent Filter and it is exported  can be reached by the components of other apps by default  can be reached by the other components of the same app only if it is exported *  [correct: the first]
An Android app component declared in the app Manifest file  can be reached by the components of other apps if it declares an Intent Filter and it is exported  can be reached by the components of other apps by default  can be reached by the other components of the same app only if it is exported   [correct: the first]  Considering explicit and implicit intents,
An Android app component declared in the app Manifest file  can be reached by the components of other apps if it declares an Intent Filter and it is exported  can be reached by the components of other apps by default  can be reached by the other components of the same app only if it is exported ×  [correct: the first]  Considering explicit and implicit intents,  the implicit intents are classified as more secure because the user can always choose the app to be started through the chooser
An Android app component declared in the app Manifest file  can be reached by the components of other apps if it declares an Intent Filter and it is exported  can be reached by the components of other apps by default  can be reached by the other components of the same app only if it is exported   [correct: the first]  Considering explicit and implicit intents,

The Android permission model is an example of  a combination of MAC and DAC  MAC *  DAC  Correct: DAC]		
Select the correct statement		
<ul> <li>Secure Boot is a process that checks the integrity of</li> <li>Secure Boot ensures that only apps from verified de</li> <li>Secure Boot is a feature that encrypts the device's sto</li> </ul>		nst unauthorized modifications.
9)		
	ata confidentiality and attests the confidentiality of the device.  gainst device tampering and attests the integrity of the device.	
10)		
What is the purpose of Android's Runtime Environment (ART)?  To execute application bytecode  To interpret and execute application bytecode  To compile and execute application bytecode		
correct: the last]		
Binder is  a communication mechanism between Android devices.  a communication mechanism between Android apps and sy  a communication mechanism between Android apps.*	ystem services.	
correct: the second]		
12)		
Which technique allows to bypass a dynamic analysis approach?  ○ Obfuscated code  ○ Encrypted code  ◎ Unreachable code  13)		

7)

To examine the source code, Dalvik code and binary code of an Android app without executing it.  To examine the source code of an Android app without executing it.  To examine the source code and binary code of an Android app without executing it.
[correct: last one]
14)
Select the correct statement about taint analysis in Android security:
<ul> <li>□ Taint analysis is a method to identify memory leaks in Android applications.</li> <li>□ Taint analysis is used to track and identify the flow of sensitive data within an application.</li> <li>□ Taint analysis helps optimize code execution by tracking data flow.</li> </ul>
15)
16)
17)
What role does symbolic execution play in static analysis?
Symbolic execution is a method to explore all possible program paths by using symbolic values as inputs to detect vulnerabilities.
Symbolic execution is a method to explore all possible program paths by using symbolic values as inputs to prove reachability. ×
Symbolic execution is a method to explore reachable program paths by using symbolic values as inputs to detect vulnerabilities.
[correct: first one]
18)
Activities
■ are mandatory components which serve as entry points by default ¥
are not mandatory components and serve as entry points by default
are not mandatory components and may serve as entry points
[correct: last one]

What is the primary goal of static analysis in Android security?