Android: Oral Questions & Answers

Q 1) What is Android?
Answer: Android is an open source operating system and is mainly popular for Smartphones and Tablets.
This operating system is Linux Kernel based. Using Android operating system, the developer develops the functions or programs which can perform basic as well as the advanced type of operations on the Smartphone.

Q 2) What is Android SDK?
Answer: To develop a mobile application, Android developers require some tools and this requirement is satisfied by "Android SDK" which is a set of tools that are used for developing or writing apps.
It has a Graphical User Interface which emulates the Android environment. This emulator acts as an actual mobile device on which the developers write their code and then debug/test the same code to check if anything is wrong.

Q 3) What is current versions of Android OS ?
Answer:

Android 9.0	Pie
Android 8.0	Oreo
Android 7.0 – 7.1.2	Nougat
Android 6 – 6.0.1	Marshmallow
Android 5 – 5.1.1	Lollipop
Android 4.4 – 4.4.4	KitKat
Android 4.1 – 4.3	Jelly Bean
Android 4.0-4.0.4Ice	Cream Sandwich

Q 4) Which components are necessary for a New Android project?
Answer: Whenever a new Android project is created, the below components are required:
- manifest: It contains xml file.
- build/: It contains build output.
- src/: It contains the code and resource files.
- res/: It contains bitmap images, UI Strings and XML Layout i.e. all non-code resources.
- assets/: It contains a file which should be compiled into a .apk file.

Q 5) Provide the important core components of Android.
Answer: The core components of Android operating systems are:
- Activity
- Intents