

**UNIT III APPLICATION DEVELOPMENT FOR ANDROID-I****9**

Android Platform - Different SDKs and their growth - Android Architecture - Android Development Environment Setup - Anatomy of Android Application - Views & Layouts - List View - Adapters - HTTP Connection initiation.

CO510.3 Develop mobile applications for Android

**Year/ Semester: III / 05**

**Academic Year: 2022-2023/ODD**

**Course Code/Title: 19CS5710 – MOBILE APPLICATION DEVELOPMENT**

**(Regulation 2019)**

**Unit No. III**

**PART – A (10 x 2 = 20 Marks)**

Q.No.	Question	Max. Marks	CO-K Level	PO-PI Code
1.	Mention any 5 SDK versions available for Android?	02	CO3-K2	1.3.1
2.	List any 5 Android Platform version with their API Level.	02	CO3-K2	3.3.1
3.	Compare view and view group objects with salient features.	02	CO3-K2	1.3.1
4.	Mention the android layouts with their layout attributes.	02	CO3-K2	3.2.1
5.	How array adapters derive the data from content providers from array objects?	02	CO3-K3	1.3.1
6.	Configure Http Connection to access the API from Activity.	02	CO3-K3	3.2.1
7.	List the android List View attributes to display the data from content providers.	02	CO3-K2	3.2.1
8.	Distinguish between Layout and List view objects	02	CO3-K2	1.3.1
9.	Define Array Adapters.	02	CO3-K1	1.3.1
10.	List the available attribute dimensions units in android.	02	CO3-K2	1.3.1

**PART – B (5 x 13 = 65 Marks)**

<b>Q.No.</b>	<b>Question</b>	<b>Max. Marks</b>	<b>CO-K Level</b>	<b>PO-PI Code</b>
11	Draw the android architecture and explain the layers with their features.	13	CO3-K2	3.2.1
12	Write the procedure to make the setup for android environment to develop android application.	13	CO3-K3	1.3.1
13	Write the program to develop hello world app in android studio and configure to run in mobile platforms.	13	CO3-K3	3.2.1
14	Write the program to develop current location mapping using google map service application in android studio.	13	CO3-K3	1.3.1
15	Write the details about View and Layouts with example.	13	CO3-K2	3.2.1

**Course Instructor**

**HOD**