

S. B. Roll. No.....

**DEVELOPMENT OF ANDROID APPLICATIONS**  
**6<sup>th</sup> Exam/CSE/IT/6595/Nov'24**  
**(For 2018 Batch Onwards)**

**Duration: 3Hrs.**

**M.Marks:75**

**SECTION A**

**Q1. Do as directed.**

**15x1=15**

- a. Android is a software package and linux based \_\_\_\_\_ for mobile devices such as tablet computers and smart phones.
- b. What is DDMS?
- c. \_\_\_\_\_ was the first mobile phone released that ran the Android OS.
- d. \_\_\_\_\_ Virtual machine is used by the Android operating system.
- e. Android is based on \_\_\_\_\_ language.
- f. APK stands for \_\_\_\_\_
- g. \_\_\_\_\_ converts Java byte code into Dalvik byte code.
- h. What is an activity in android?
- i. ADB stands for \_\_\_\_\_
- j. \_\_\_\_\_ kernel is used in Android.
- k. AAPT stands for \_\_\_\_\_
- l. \_\_\_\_\_ is contained in the src folder.
- m. What is contained in manifest.xml?
- n. \_\_\_\_\_ is the built-in database of Android
- o. \_\_\_\_\_ is the latest version of Android and \_\_\_\_\_ is the name of that version.

**SECTION-B**

**Q2. Attempt any six questions.**

**6x5=30**

- i. What is Dalvik Virtual Machine?
- ii. Mention the difference between class, file and activity in Android?
- iii. What is the information contained in AndroidManifest.xml file?
- iv. What are the various components for communication in Android?
- v. What are intents? Explain intent filters.
- vi. Explain DDMS in detail.
- vii. Explain Android User Permission.
- viii. What are the essential items in every Android Project?

**SECTION-C**

**Q3. Attempt any three questions.**

**3x10=30**

- a. What is the life cycle of Android activity? Explain with suitable diagram.
- b. Explain the basic building blocks of an Android Application.
- c. What are the essential items in every android project?
- d. What is emulator? How to launch emulator? Explain Android Virtual Device in detail.
- e. What are assets, layouts & Draw able Resources?