

Question Bank (I scheme) Unit Test: I

Name of Course: MOBILE APPLICATION DEVELOPMENT (MAD)

Course Code: 22617

Program: IF/ CM 6I

Semester: VI

Chapter 1: ANDROID AND ITS TOOLS

2 Marks

1. What Is Android?
2. Enlist Features Of Android OS?
3. What Is OHA?
4. Enlist Various Android Version (Any 4)?
5. Enlist Tools To Develop Android Application?
6. Define Android Ecosystem?

4 Marks

1. Explain Any 4 Features Of Android OS?
2. Draw Android System Architecture?
3. Compare Android OS With Any Other OS (Any 4 Points)?
4. Explain Need Of Android?
5. Explain Android Ecosystem?
6. Write Down The Steps How To Install Android Studio?
7. Explain Following Term W.R.T Android Architecture:
A. Android Application. B. Android Kernel.

Chapter 2 – INSTALLATION & CONFIGURATION OF ANDROID

2 Marks

1. What Is OS? What Are OS Requirement For Android?
2. What Is Android Run Time Environment?
3. What Is JDK?
4. What Is SDK?
5. What Is Emulator?
6. What Is AVD?
7. Enlist System Requirement For Android Studio?
8. What Is ADT?

4 Marks

1. Compare JVM And DVM?
2. Explain DVM With Diagram?
3. Describe The Concept Of Android SDK?
4. Write Down Steps How To Create AVD In Android Studio?

3. UI components and Layouts

2 marks.

1. List layouts in android UI design.
2. List different attributes of linear layout.
3. List different attributes of Absolute layout.
4. List different attributes of Frame layout.
5. List different attributes of Table layout.
6. List important files and folders in android directory structure.
7. List Components of an Android Application.

4 marks.

1. What is use of AndroidManifest.xml file in any android application?
2. Explain directory structure in android application in detail.
3. Explain following files.
 - I. Main activity file
 - II. Manifest file
 - III. String file
 - IV. Layout file
4. What are view and viewgroup classes in android? Why layouts are created using xml file?
5. Define a) View b) View group c) Layout.
6. Explain Components of an Android Application.
7. List and Explain the Resource files.

4. Designing User interface with View.

2 marks.

1. List view classes in android application development.
2. Explain attributes wrap_content and match_parent with respect to viewgroups.
3. What is Toast in Android?
4. Enlist elements in UI.

4 marks.

1. What is TextView & EditText? Explain TextView attributes.
2. What is ScrollView? Explain how to create ScrollView with a TextView and with a LinearLayout.
3. Develop an android application using Date & Time Picker.
4. Demonstrate use of List View & Grid View.
5. Describe with example Checkbox & Radiobutton.