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SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR

(AUTONOMOUS)

MCA III Year I Semester Supplementary Examinations Feb-2021**MOBILE APPLICATION DEVELOPMENT**

Time: 3 hours

Max. Marks: 60

(Answer all Five Units 5 x 12 = 60 Marks)

UNIT-I

- 1 a Briefly explain versions of Android and the features of Android. **6M**
 b Describe the life cycle of an Android activity with neat sketch? **6M**

OR

- 2 a What is Framework? Explain Android framework with figure. **6M**
 b What is an Intent Object? What information Intent object consists? Explain different types of intents along with their usage. **6M**

UNIT-II

- 3 a Explain the following layouts 1. Relative Layout 2. Frame Layout. **8M**
 b Write a Code for hide and display the Action Bar on Android Emulator. **4M**

OR

- 4 a Explain Frame Layout with Example. **7M**
 b How to create User Interface Programmatically. Explain? **5M**

UNIT-III

- 5 a Explain the following: a) Data Picker b) Time Picker. **6M**
 b Write the following: a) List Fragment b) Dialog Fragment. **6M**

OR

- 6 a Write a program to create a Login Activity using Basic Views. **5M**
 b Explain the following: a) Image Switcher b) Grid View. **7M**

UNIT-IV

- 7 a How to Save Data using the Shared Preferences Object. Explain? **6M**
 b What is SQLite database? How to provide database connection using SQLite database. **6M**

OR

- 8 a Demonstrate use of Toggle Button class with example. Play Music on toggle on and music off on toggle off. **6M**
 b How to Store and Retrieve all contacts from the Table Using Database Programmatically. Explain? **6M**

UNIT-V

- 9 a Name the two ways in which you can send SMS messages in your Android application. **6M**
 b Exporting your application as an APK file and signing it with a new Certificate. Explain? **6M**

OR

- 10 a Write a code for Sending E-Mail in Android. **6M**
 b Create a Simple Own Service to start and stop the service in Android. **6M**

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