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SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)

B.Tech IV Year I Semester Supplementary Examinations August-2022

MOBILE APPLICATION DEVELOPMENT

(Common to CSE & CSIT)

Time: 3 hours

Max. Marks: 60

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

UNIT-I

- 1 a What is Framework? Explain Android framework with figure. **6M**
b What is Dalvik Virtual Machine? Explain. **6M**

OR

- 2 a Discuss about Life Cycle of Fragment. **6M**
b What is an Intent Object? Explain different types of intents along with their usage. **6M**

UNIT-II

- 3 a Explain Event handing. Write a program to display the Messages through Toast. **8M**
b Write a code for Adding items to the Action Bar. **4M**

OR

- 4 a Explain the following layouts i) Linear Layout **7M**
ii) Table Layout.
b Write a Code for hide and display the Action Bar on Android Emulator. **5M**

UNIT-III

- 5 a Explain the following: **6M**
i) Image Switcher
ii) Grid View
b Explain Progress Bar control with an example program. **6M**

OR

- 6 a Elaborate the purpose of Text View. **5M**
b Explain Image Views to display pictures in Android Mobile. **7M**

UNIT-IV

- 7 a Write a code to store online in file which resides in sd-card. **6M**
b What is SQLite database? How to provide database connection using SQLite database. **6M**

OR

- 8 a What is SQLite database? Write code for adding, updating and removing data from SQLite database. **6M**
b How to Store and Retrieve all contacts from the Table Using Database Programmatically. Explain. **6M**

UNIT-V

- 9 a Name the permissions you need to declare in your AndroidManifest.xml file for sending And receiving SMS messages. **6M**
b How to prepare your application for deployment. **6M**

OR

- 10 a Name the two ways in which you can send SMS messages in your Android application. **6M**
b How to Run Repeated Tasks Using the Timer Class. Explain? **6M**

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