Hall Ticket Number:

III/IV B.Tech (Regular) DEGREE EXAMINATION

August, 2021

Sixth Semester

Time: Three Hours

Computer Science and Engineering

Mobile Application Development

Maximum: 50 Marks

Answer Question No. 1 Compulsorily.
Answer ANY ONE question from each Unit.

(10X1 = 10 Marks)
(4X10=40 Marks)

1. a) List any two limitation of mobile devices and advantages of Android OS? — CO1
    b) Define AVD? — CO1
    c) Define Activity? — CO2
    d) List the attributes to increase width and height of a TextView. — CO2
    e) Write a short note on Intents? — CO2
    f) Define Broadcast Receiver. — CO1
    g) Define content Provides? — CO3
    h) Define URI — CO3
    i) Define services? — CO4
    j) Write a short notes on SQLite batabase — CO4

Unit - I

2. a) Explain Android Stack? — CO1 **5M**
    b) Differentiate between native and hybrid applications — CO1 **5M**

(OR)

3. a) Explain about a simple program to display "Hello World" — CO1 **5M**
    b) Explain how to run the HelloWorld Program using Emulator — CO1 **5M**

Unit - II

4. a) Write an Android Program to demonstrate Table and Relative Layout — CO2 **5M**
    b) Explain about the basic building blocks of android — CO2 **5M**

(OR)

5. a) Write an Android Program to demonstrate Activity Life Cycle — CO2 **5M**
    b) Explain different XML Codes – main.xml, strings.xml, menu.xml — CO2 **5M**

Unit - III

6. a) Write an Android Program to demonstrate Intents — CO3 **5M**
    b) How to download and parse the Internet resource? Briefly explain — CO3 **5M**

(OR)

7. a) How intents are used to Broadcast Events? Briefly explain — CO3 **5M**
    b) Write a shot notes on Shared Preferences — CO3 **5M**

Unit - IV

8. a) Briefly explain working of SQLite with an example — CO4 **5M**
    b) Explain Database Classes — CO4 **5M**

(OR)

9. a) Describe about Content Provider — CO4 **5M**
    b) Write an android program to demonstrate Menus — CO4 **5M**