

Code: CS7T2

**IV B.Tech - I Semester – Regular/Supplementary Examinations  
October - 2019**

**MOBILE APPLICATION DEVELOPMENT  
(COMPUTER SCIENCE & ENGINEERING)**

Duration: 3 hours

Max. Marks: 70

**PART – A**

Answer *all* the questions. All questions carry equal marks

11 x 2 = 22 M

1. a) What is Android Stack?
- b) List out the mobile platforms.
- c) What is Android Debug Bridge(adb)?
- d) Explain Broadcast Receivers.
- e) Differentiate Static and Final Declarations?
- f) What are the three android components that contribute to applications?
- g) Define Table Layout in Android.
- h) Explain android.orientation attribute in LinearLayout tag.
- i) Explain about Android MVC.
- j) List out SQLite data types.
- k) What is the benefit of SQLite database engine?

## PART – B

Answer any **THREE** questions. All questions carry equal marks.

3 x 16 = 48 M

2. a) Write a Android Program display your college address in Emulator. 8 M  
b) Explain about java type system. 8 M
3. a) Write about Activity life cycle in Android with example . 8 M  
b) Create a android program for Intents and Tasks. 8 M
4. a) Design a Date and Time application using common widgets. 12 M  
b) Explain about Linear layout. 4 M
5. a) Explain File Management and Binary Data. 8 M  
b) Write about a Content Provider with example. 8 M
6. a) Explain the steps to Design SQLite Database for Android Applications. 8 M  
b) Explain Android Database Classes. 8 M