Code: CS7T2

IV B.Tech - I Semester – Regular / Supplementary Examinations November 2016

MOBILE APPLICATION DEVELOPMENT
(COMPUTER SCIENCE AND ENGINEERING)

Duration: 3 hours   Max. Marks: 70

Answer any FIVE questions.   All questions carry equal marks

1. a) Write the procedure for updating SDK components.   7 M

   b) Write about scope and idioms of JAVA programming.
                                                          7 M

2. Explain briefly about the android activities, intents and tasks and android components.   14 M

3. a) Explain about the Android User Interface Design.   7 M

   b) Explain the List View and adapters with examples.   7 M

4. a) Explain about the creating fragment and fragment life cycle.   7 M

   b) Explain about the support package.   7 M

5. Write android program to implement the following using
   SQLite Database.   14 M
   i) Create SQLite Database object.
   ii) Execute the CRUD operations required for the application.
   iii) Close the database

6. a) Explain the procedure for writing and integrating a Content
   Provider.   7 M

   b) Explain about Android MVC & Content observation. 7 M

7. a) Explain about Location based services.   7 M

   b) Write an Android programming for controlling the map
   with Menu Buttons and Controlling the Map with the
   Keyword.   7 M

8. a) Explain about audio playback and Video Playback. 7 M

   b) Write any sample android application for Bluetooth. 7 M