R13

B.Tech IV Year I Semester (R13) Supplementary Examinations June 2018
MOBILE APPLICATION DEVELOPMENT
(Common to CSE & IT)

Time: 3 hours

Max. Marks: 70

PART – A
(Compulsory Question)
*****

1   Answer the following: (10 X 02 = 20 Marks)
   (a) What are the contents in Digital Radio Network data packets?
   (b) Define micro browser.
   (c) What is drop down box?
   (d) What are the derived classes of screen class?
   (e) What is the purpose of a virtual pen on a Canvas?
   (f) Explain the compare To() method of the String class.
   (g) What is Result Set object? Explain.
   (h) List the data manipulation SQL statements embedded in the J2ME application.
   (i) Explain the techniques to handle changes in screen orientation in Android.
   (j) What is an activity in an Android application?

PART – B
(Answer all five units, 5 X 10 = 50 Marks)

UNIT – I

2   Write short notes on Cellular Telephone Networks
OR
3   Describe the layers of the J2ME architecture with neat block diagram

UNIT – II

4   Explain about Command class constructor and Command Listener interface with example code.
OR
5   What is an item class? List and explain the steps required for creating an item class.

UNIT – III

6   What are the low-level user input components used to receive input into low level J2ME application? Explain briefly.
OR
7   Explain the steps for writing mixed type data record to a record store and reading records from the record store with J2ME code.

UNIT – IV

8   What is JDBC? Explain the concept and process of JDBC with J2ME application with sample code.
OR
9   Describe the architecture of Android Operating System.

UNIT – V

10   (a) Mention any three features of Android.
     (b) What is an action bar? How do you add action items to the Action Bar? Explain.
OR
11   Explain the basic views in Android to design the user interface in Android application.

*****