Code: 13A05703

R13

B.Tech IV Year I Semester (R13) Supplementary Examinations June 2017
MOBILE APPLICATION DEVELOPMENT
(Common to CSE and IT)

Time: 3 hours   Max. Marks: 70

PART – A
(Compulsory Question)
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1   Answer the following: (10 X 02 = 20 Marks)
   (a)   Define profile.
   (b)   What is MIDlet suite?
   (c)   Describe the two important subclasses of displayable class.
   (d)   Write statements to create instance of Form class and Text field class.
   (e)   What is the use of paint() and repaint() methods?
   (f)   What is the use of record enumeration?
   (g)   How the JDBC driver is loaded.
   (h)   What is the need of Intent in Android?
   (i)   Describe Scroll view.
   (j)   List the various view groups that can be used to design user interface.

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

UNIT – I

2   (a)   Describe briefly about the radio transmission and its limitations.
    (b)   Write a MIDlet program to display Hello World.
OR
3   Illustrate J2ME architecture with a neat diagram.

UNIT – II

4   (a)   Describe the Best Practices to keep application simple and small.
    (b)   Illustrate Command Class and Command Listener.
OR
5   (a)   Use of local variables is a best practice in developing J2ME application. Explain.
    (b)   Write a MIDlet program displaying an alert dialog box when an exception is thrown.

UNIT – III

6   (a)   Write a MIDlet program for drawing a rectangle on canvas.
    (b)   What are the different methods used in clipping regions? Explain.
OR
7   (a)   Give a brief note on Animations.
    (b)   Write a MIDlet for writing and reading records from a record store.

UNIT – IV

8   (a)   What are the different JDBC driver types? Explain.
    (b)   Explain four common WHERE clause expressions that are used to update multiple rows of a table.
OR
9   With a neat diagram, explain life cycle of an activity and explain various stages it go through in its life
          cycle.

UNIT – V

10 (a)   Give a brief note on linear layout.
    (b)   Illustrate how to display long lists using list views with suitable example.
OR
11 (a)   Explain about the understanding the components of the screen.
    (b)   Describe briefly about the Time Picker Views.

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