

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)

- 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.
