

Code: 9F00501

MCA V Semester Supplementary Examinations May 2019

MOBILE APPLICATION DEVELOPMENT

(For 2009, 2010, 2011, 2012 (LC), 2013, 2014, 2015 & 2016 admitted batches only)

Time: 3 hours

Max. Marks: 60

Answer any FIVE questions
All questions carry equal marks

- 1 (a) How do you classify small computing technologies? Discuss on each technology with its merits and limitations.
(b) Draw the block diagram of J2ME architecture and discuss on each layer. List down the requirements of a device to be defined as a small computing device.
- 2 Discuss on Palm OS emulator as mobile application development environment.
- 3 Illustrate the following features of high level display screen supports:
 - (a) Item class.
 - (b) Alert class.
 - (c) List class.
- 4 Illustrate the graphics and clipping supporting features of low level display canvas.
- 5 (a) When will you go for record enumeration? Give an example.
(b) When will you use record listener? Give an example.
- 6 (a) List down the various data types supported by JDBC.
(b) Illustrate transaction processing and exception handling with example.
- 7 (a) Illustrate grouping and ordering of data thru embedded SQL with suitable example.
(b) How will you perform data manipulation language (DML) commands thru embedded SQL? Explain with suitable examples.
- 8 (a) Discuss on connection interface hierarchy.
(b) Discuss on HTTP as request protocol.
