Code: 9F00501

MCA V Semester Regular & Supplementary Examinations February 2015
MOBILE APPLICATION DEVELOPMENT
(For 2009, 2010, 2011 and 2012 admitted batches only)

Time: 3 hours   Max. Marks: 60

Answer any FIVE questions
All questions carry equal marks
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1 (a) Write about Java virtual machine and evolution of J2EE.
   (b) Explain the working nature of cellular telephone networks with neat sketch.
   (c) Define MIDlets. Explain about MIDlets on the internet.

2 (a) Explain how to manage application's use of network connection.
   (b) Define display class. Explain the steps required to determine the color attribute of a device.

3 (a) What is alert class? Explain various types of alert classes with suitable examples.
   (b) Write about gauge class. Explain the method of creating and manipulating an instance of gauge class.

4 (a) Explain briefly about:
          (i) paint ( )
          (ii) repaint ( )
          (iii) show notify ( )
          (iv) Hide notify ( )
   (b) What is an arc? Explain the method of drawing an arc.

5 (a) Discus the steps required to read a record of simple and mixed data types in to record enumeration.
   (b) Describe the steps involved in searching a record within the data base.

6 (a) What is JDBC? Explain four types of JDBC drivers.
   (b) Explain briefly about:
          (i) Save point. (ii) Batch statements. (iii) Auto generated keys.

7 (a) Explain the method of creating a secondary index and clustering index.
   (b) Explain the following:
          (i) Clauses. (ii) Operators. (iii) Expression.

8 (a) Explain about connections and streams with suitable example for each.
   (b) Explain how to use an HTTP connection to communicate with a server.
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