Code: 9F00501

MCA V Semester Supplementary Examinations July 2015

MOBILE APPLICATION DEVELOPMENT

(For students admitted in 2009, 2010, 2011 and 2012 only)

Time: 3 hours   Max Marks: 60

Answer any FIVE questions

All questions carry equal marks

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1 (a) Explain in detail about java virtual machine and J2EE.
   (b) Describe briefly about wireless technology.
   (c) Discuss in detail about MIDLET programming.

2 (a) Describe how to limit the use of memory and off-load computations to the server.
   (b) Define item class and explain the method of creating an item class.

3 (a) Explain briefly about creating and accessing check boxes and radio buttons.
   (b) Describe text box class and write the method of creating an instance of a text box class.

4 (a) Explain the following:
        (i) Working key codes.
        (ii) Deleting key codes.
        (iii) Processing key codes.
   (b) Explain the method of creating clipping region.

5 (a) Explain in detail about writing and reading of mixed data types.
   (b) Explain about searching single and mixed data type records.

6 (a) What is JDBC? Explain how to connect and terminate the connection to the DBMS.
   (b) Explain briefly about:
        (i) Connection.
        (ii) Time out.
        (iii) Connection pool.

7 (a) What is a table? Explain in detail about creating and dropping a table.
   (b) Explain calculating data and its functions.

8 (a) Write about communication management using HTTP commands.
   (b) Discuss the steps involved in transmitting a background process.

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