

R09**Code No: F3501****JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD****MCA V Semester Examinations, August - 2017****MOBILE APPLICATION DEVELOPMENT****Time: 3hrs****Max.Marks:60**

Answer any five questions
All questions carry equal marks

- 1.a) Describe how J2ME balances the thin and thick clients.
b) Explain radio data networks with their Limitations. [6+6]
- 2.a) Discuss about the wireless devices used for mobile application development.
b) Explain how multiple MIDlets are distributed in a single MIDlet suite. [6+6]
- 3.a) Explain android application architecture.
b) List and explain the steps required for throwing a MIDlet state change exception. [6+6]
- 4.a) Briefly explain with an example event processing in the Form class.
b) Discuss about the Palm OS Emulator. [6+6]
- 5.a) Explain User Interactions using low level display Canvas class.
b) Explain indexing in J2ME with Embedded SQL. [6+6]
6. Explain the following:
a) Prepared statement.
b) Callable statement.
c) Record Enumeration. [4+4+4]
7. Write a JDBC program for writing a record to database table and reading records of mixed data types. [12]
- 8.a) Explain datagram communication with an example.
b) Write a short note on "Transmit as a Background Process". [6+6]

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