

Code: 9A12701

**R09**

B.Tech IV Year I Semester (R09) Regular &amp; Supplementary Examinations December 2015

**MOBILE APPLICATION DEVELOPMENT**  
(Information Technology)

Time: 3 hours

Max. Marks: 70

Answer any FIVE questions  
All questions carry equal marks

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- 1 (a) Explain role of J2ME in personal digital assistants.  
(b) Describe in detail about the working of radio data networks.
- 2 Write and explain about J2ME architecture with the help of neat diagram.
- 3 (a) Discuss about palm OS emulator functionalities.  
(b) Write a program to demonstrate an I/O exception handling mechanism.
- 4 (a) Discuss about various ITEM class functionality with relevant syntax.  
(b) Explain low level functionality using possible user interactions.
- 5 List and explain distinguish functionalities of record management system with the help of suitable logic.
- 6 State and discuss about JDBC type 3 drivers with the help of a program.
- 7 (a) Write a java code to demonstrate usage of JDBC drivers for updating data into a table.  
(b) Define indexing. Write the procedure to generate an index on a given database.
- 8 Write short notes on the following:
  - (a) Generic connection framework.
  - (b) Session management.
  - (c) Transmission as a background process.

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