

Code No: 815BR

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**MCA V Semester Examinations, January - 2018****MOBILE APPLICATION DEVELOPMENT****Time: 3 Hours****Max. Marks: 60****Note:** This question paper contains two parts A and B.

Part A is compulsory which carries 20 marks. Answer all questions in Part A.

Part B consists of 5 Units. Answer any one full question from each unit. Each question carries 8 marks and may have a, b, c as sub questions.

PART - A**5 × 4 Marks = 20**

- 1.a) What are the limitations of Radio transmission. [4]
- b) What are the attributes of Java Application Descriptor File? [4]
- c) Explain the steps required to create an instance of a TextField class. [4]
- d) Explain the methods used in the Prepare Statement. [4]
- e) Explain how to read the data from HTTP connection? [4]

PART - B**5 × 8 Marks = 40**

2. Explain about the Cellular Telephone Networks. [8]
- OR**
3. Explain about the personal Digital Assistants. [8]
4. Explain about the architecture of J2ME. [8]
- OR**
5. Discuss the minimal hardware and software requirements to run a J2ME application on a small computing device. [8]
6. Write a Midlet program to draw a mutable image on the canvas. [8]
- OR**
7. Write a Midlet program to two radio buttons, each represents a gender and then prompts the user to select one or the other gender. After making a selection the user clicks the process command, causing the Midlet to read the selected radio button and display the label of the radio button on the form. [8]
8. Write a Midlet program to read and write a record from the record store is displayed in the alert dialog. [8]
- OR**
9. Explain the steps involved to create the association between the database and the JDBC/ODBC bridge. [8]
10. Explain the session management techniques. [8]
- OR**
11. Discuss the connection steps of generic connection framework in detail. [8]

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