G H Patel college of Engineering and Technology
Mid-Semester Examination
AY: 20014-15, SEMESTER I
170703: Advance Java Technology
Fourth Year (IT/CP)

Date: 22/08/2014

Time: 10:00 AM to 11:15 AM   Max. Marks: 30

Q.1 Answer the following questions.   [10]
  A What is the difference between Swing and AWT?
  B What is the difference between statement and prepared statement?
  C What is deployment descriptor? Write the use of DD.
  D What do you mean by pluggable look & feel? How do you set different look and feel?
  E How to create a JMenu and add it to a JMenuBar inside a JFrame?

Q.2 A What is transaction in JDBC? Explain with example.   [4]
    B Write a JDBC program that accepts account number from the user and obtains the   [6]
name and current balance by checking the appropriate fields from the customer table.
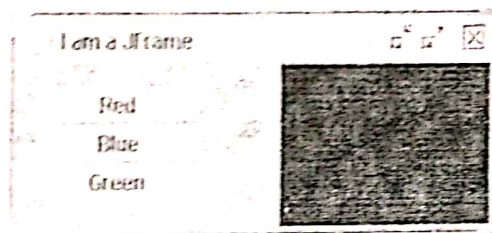(Customer table contains account_no, name and balance fields.)

OR

Q.2 A What is a Stored Procedure? How do you call store procedure in java program? Explain   [4]
    B Write a program which fill the rectangle with the selected color when button pressed   [6]

Q.3 A Explain servlet life cycle in detail.   [4]
    B Write a servlet to display all headers submitted by browser in request object.   [6]

OR

Q.3 A List methods of ServletRequest interface and Explain any two.   [4]
    B Write a servlet that accepts a number and name from an HTML page, compares the   [6]
number with predefined number and returns a message " You win" or "You lose" if
the user's number matches the predefined number similar to lottery.

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