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G. H. Patel College of Engineering & Technology
Mid Semester Examination
A.Y. 2013-14, Semester VII
Course Code: 170703 Advance Java Technology

Date: 11-09-2013

Time: 4:00 P.M. to 5:15 P.M.

Maximum Marks : 30

- Q:1** List and explain different methods/APIs of `HttpServletRequest` interface. [5]
(A) [5]
(B) Explain difference between following. [5]
 i) `RequestDispatcher` Vs `sendRedirect`
 ii) `ServletContext` Vs `ServletConfig`
Q:2 Attempt *any two*. [10]

- 1) Explain Callable Statement with example.
- 2) Write RMI Server and Client program to reverse a given string.
- 3) What is MVC architecture? Discuss benefits of MVC architecture in swing based application.

- Q:3** Write a Client Server Program using Socket Programming for the following requirements. [10]
(A)
 - Client Program inputs necessary data to create Person object and sends to server.
 - Server Program creates object of type Person and sends to the client.
 - Client gets Person object from server and display on screen.
 Person class has four instance members i.e. Id, name, salary, designation

OR

- (A)** Write a Swing with JDBC program for the following requirements. [10]
 - User enter enters bookid into swing form.
 - Book is searched from database, based on bookid and following parameters are displayed on screen.

Enter Book ID	Search
Book Title	
Author Name	
Publisher	
Price	
Cople(s)	
Update	

- User can only update number of copies and information is saved in database after clicking update button.