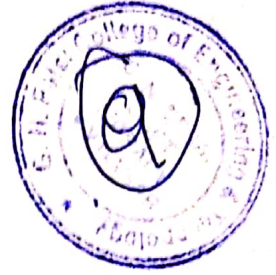


G H Patel College of Engineering & Technology  
Mid-Semester Examination  
AY: 2017-18, SEMESTER VI  
2160707: Advance Java Technology  
Third Year (IT/CP)



Date: 20-03-2018

Time: 2:00 P.M. to 3:00 P.M.

Maximum Marks: 20

Q.1 A Answer the following. [any five]

[05]

1. What is Socket? What is the difference between Socket and ServerSocket?
2. List out types of Statements and explain each in short.
3. What is the difference between ServletConfig and ServletContext?
4. List out inbuilt objects available in JSP. Explain any two.
5. List out and explain JSP directives.
6. What is RequestDispatcher? Explain its use.
7. What are different execute methods of JDBC explain each.

B Attempt any two

[05]

1. Write short note on JSP Life Cycle.
2. What are different approaches available in Servlets to handle Session Management?
3. Write short note on JDBC transaction. Give an example.

Q.2 Attempt any two.

[10]

1. Write a client server socket program where client sends a number to server and in reply server send the summation of digits.
2. Write a JDBC program which inserts rows in table student (Enrollment\_No, Name, SPI, CPI). No of rows to be inserted are passed in command line argument. Also fetch the inserted rows to display.
3. Write a login.html file to take username and password from client. Write a servlet to check whether password is "gcet" or not. If user enters gcet password then forward to the welcome page else show message to user that password is incorrect and include login.html in response.