M.C.A. (Commerce) (Semester - IV)
401 : ADVANCED JAVA
(2013 Pattern) (Credit System)

Time : 3 Hours]          [Max. Marks :50

Instructions to the candidates:
1) All questions are compulsory.
2) Figures to the right indicate full marks.

Q1) Attempt any Seven from following :  [7 × 2 = 14]

a) Write Beans Properties.
b) What is Remote host ?
c) What is Stub ?
d) Explain Connection interface.
e) What is Runnable interface.
f) What is Servlet ?
g) What is JSP Directives ?
h) What is JDBC ?

Q2) Attempt any three from following :  [3 × 4 = 12]

a) Explain thread priorities with suitable example.
b) Explain RMI Architecture with diagram.
c) Write Servlet program to accept Username and password, validate username and password & both are same then only display welcome message.
d) Write JDBC Program to delete record from students table whose name starts with 'A'.

P.T.O.
Q3) Attempt any three from following : [3 × 4 = 12]

a) What is Session handling? Explain with use of appropriate functions.

b) Write steps to build an application using beans.

c) Write JSP program to accept username and age of user and display message on the basis of age whether user is eligible to vote or not.

d) Write JDBC program to display records from employee table whose age is more than 60 years.

Q4) Attempt any three from following : [3 × 4 = 12]

a) What is JSP? Explain JSP tags with example.

b) Explain JDBC Architecture with suitable diagram.

c) Write Server side program of chat application.

d) What is Thread? Explain different ways to create thread.

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