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[4966]-4001

MCA (Commerce Faculty) (Fourth Semester) EXAMINATION, 2016

401 : ADVANCED JAVA

(2013 PATTERN)

Time : Three Hours

Maximum Marks : 50

N.B. :— (i) Attempt *All* questions.

(ii) Figures to the right indicate full marks.

1. Attempt any *seven* from the following : [7×2=14]

- (a) Explain Thread.
- (b) Explain MetaData.
- (c) What is Servlet ?
- (d) What is skeleton ?
- (e) What is Beans ?
- (f) Explain Server Socket ?
- (g) Explain Thread Priorities ?
- (h) List all JSP directives ?

2. Attempt any *three* from the following : [3×4=12]

- (a) Explain different methods to create thread.
- (b) Explain RMI architecture with suitable diagram.
- (c) Write a servlet program to display hit count.
- (d) Write jdbc program to delete record from student table who belong to Pune city.

P.T.O.

3. Attempt any *three* from the following : [3×4=12]

(a) What is Session ? How to handle session in servlet programming ? Explain with an example.

(b) Write steps to create JAR file.

(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 employee names whose salary is 7,10,000.

4. Attempt any *three* from the following : [3×4=12]

(a) Explain different JSP tags.

(b) Write steps to create connection in JDBC.

(c) Write client side program for echo server which request server on port number 5555.

(d) Create thread to display odd numbers from 1 to 999, after every 2 seconds.