Roll No ....

MCADD-804 (1)
M.C.A. (Integrated), VIII Semester
Examination, May 2022
Java-II
(Elective - III)
Time : Three Hours

Maximum Marks : 70

Note: i) Attempt any five questions.
ii) All questions carry equal marks.

1. a) What is HTML? What are some of the common lists that can be used when designing a page?
   b) What are style sheets? What are the variations and limitations of CSS?

2. a) How to create servlet in JAVA? Explain servlet life cycle.
   b) Explain different types of JSP tags with an example for each.

3. a) Explain the detail the various components of JDBC. Give the steps for using JDBC to access a database.
   b) What is JSTL and How many Tags are provided by JSTL? What are they?

4. a) Write difference between.
   i) Generic servlet and HTTP servlet
   ii) doGet and doPost
   b) What is Java Beans? What are the key concept of JAVA Beans? List out the advantages of JAVA Beans.

5. a) Differentiate between stateless and stateful session beans in Java.

 b) What is Struts? Explain the components of struts framework.

6. a) Explain what do you understand by the JSP life cycle phases?

 b) What is an applet? How will you initialize an applet?

7. a) List JSP implicit objects and explain any two.

 b) Explain JDBC process steps for queuing database.

8. Explain the following (any two)
  i) Difference between GET and POST Method
  ii) J 2 E E
  iii) BDK Introspection

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