II B.Tech. II Semester Examination, May 2016

**WEB TECHNOLOGIES**

Time: **3** hours (CSE) Max. Marks: **60**

# SECTION – A

(Short Answer Questions)

**Answer all ten questions 10×1M=10M**

1. Client/Server architecture is a computing model in which the Server hosts, delivers and manages most of the \_\_\_resources\_ and \_services\_\_\_ to consumed by the Client.

2. The CSS links properties are [ ]

a) :link, :visited, :hover, :active b) :link, :visit, :hover, :active

c) :link, :visited, :over, :active d) :link, :visited, :hover, :active, :inactive

3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is also called as Client Side Scripting Language .

1. In order to associate External DTD declaration we need to write following syntax [ ]

a) <! DOCTYPE "filename"> b) <! DOCTYPE root-element SYSTEM "filename">

c) <! DOCTYPE SYSTEM "filename"> d) None of these

1. How many types of JDBC drivers available? [ ]

a) 3 b) 4 c) 2 d) 5

1. In the following JDBC drivers which are known as fully java drivers? [ ]

a) Native-API driver b) Network Protocol driver c) Thin driver d) Both b and c

1. These methods doGet( ), doPost( ), doHead( ), doDelet( ), doTrace( ) are used in \_\_\_\_\_\_ Servlets.
2. Number of techniques that are used in Session Tracking are \_\_\_\_\_\_\_\_\_ .
3. Which of the following method can be used to read a form parameter in JSP? [ ]

a) request.getParameter( ) b) response.getParameter( )

c) request.getValue( ) d) response.getValue( )

1. What is difference between <%--comment--%> and <!--comment--> ? [ ]

a) <%--comment--%> is JSP comment, <!--comment--> is an HTML comment

b) <%--comment--%> is ignored by JSP container c) <!--comment--> is ignored by browser

d) all of the above

**SECTION – B**

**Answer all five questions 5×2M= 10M**

11. Explain about Document Type Definition.

12. Write a small note on Well-Formed XML?

13. Explain any one method used to create a JDBC connection?

14. Write a note on HTTP Request and Responses?

15. Define database which package is required for getting JDBC connection?

**SECTION – C**

**Answer all four questions 4×5M = 20M**

16. Create a simple HTML page which demonstrates the use of various types of Lists?

**(OR)**

17. Explain various ways you can reference a color in CSS?

18. Develop a JavaScript to determine whether a given number is an "ARMSTRONG NUMBER" or not?

**(OR)**

19. Explain the advantages of XML Schemas over DTDs?

20. What is JDBC driver? Explain the different JDBC driver types?

**(OR)**

21. Explain the process of associating the JDBC-ODBC Bridge with Database?

22. Explain about Frames and Forms.

**(OR)**

23. Explain the following terms related to CSS

a) Font size b) Font weight c) Font stretch d) Text decoration e) Padding

**SECTION – D**

**Answer all two questions 2×10M= 20M**

24. List and describe the classes that are provided in the javax.servlet.package?

**(OR)**

25. Explain briefly about Life Cycle of a Servlet with an example?

26. Discuss about JSP environment in brief?

**(OR)**

27. Explain the concept of declaring different Variables and Methods in JSP?