III B.Tech. I Semester Examination, June 2016

**WEB TECHNOLOGIES**

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

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

1. In html both text and images act as a \_\_\_\_\_\_\_.

a) link through anchors b) links to anchor c) anchors through links d) anchors to links

2. The \_\_\_\_\_\_\_\_ property is used to place text that should not be formatted with HTML.

a) innertext b) target c) innerhtml d) href

3. What is an XML namespace?

a) A set of names applied to specific spaces within an XML document, such as the head and

body

b) A set of names representing a specific XML vocabulary

c) A set of names for XML documents pertaining to a particular vocabulary

d) None of the above.

4. Identify the most accurate statement about the application of XML:  
 a) XML must be used to produce XML and HTML output.  
 b) XML cannot specify or contain presentation information.  
 c) XML is used to describe hierarchically organized information.  
 d) XML performs the conversion of information between different e-business

applications.

5. Which models does JDBC API supports for database access?  
 a) Two-tier models b) Three-tier models c) Both a & b d) None of the above

6. Which class has traditionally been the backbone of the JDBC architecture?  
 a) the JDBC driver manager b) the JDBC driver test suite  
 c) the JDBC-ODBC bridge d) All mentioned above

7. What are the mechanisms available in ServletContextListener interface?

a) contextInit(), contextService(), contextDestroyed()

b) contextInitialized((),contextDestroyed()

c) contextInitialized(), contextService(), contextDestroyed()

d) None of the above

8. In the HTTP Request, which method can be used.

a) GET b) POST c) Both a & b d) None of the above

9. MVC stands for\_\_\_\_\_\_\_\_\_\_.

10. In the following which packages does a JSP API consists of?  
 a) javax.servlet.jsp b) java.servlet c) javax.servlet.jsp.tagext d) Both a & c

**SECTION – B**

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

11. Write an SQL query to insert data into table.

12. Write the syntax for image tag.

13. Write the syntax for dropdown list.

14. What is the need for session tracking?

15. What is the purpose of JDBC Driver?

**SECTION – C**

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

16. What are the various types of lists in HTML? Explain with an example.

**(OR)**

17. Discuss various types of Style sheets in CSS with examples.

18. Write a javascript program to print numbers from 1 to 100.

**(OR)**

19. What are the different filters used in DHTML. Demonstrate with example.

20. What is an XML schema? Explain its working with an example.

**(OR)**

21. What are the different objects used in DHTML?

22. Discuss about the four types of JDBC drivers.

**(OR)**

23. Write a JDBC program to give grace marks to students if they have excellence in

more than three (3) subjects but failed in one (1) subject. Getting more than 80 marks is

excellent.

**SECTION – D**

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

24. How application data can be shared in JSP? Explain.

**(OR)**

25. Discuss about error handling mechanisms in JSP application development.

26. What is Servlet? Explain about servlet life cycle with neat diagram.

**(OR)**

27. List and explain the classes that are provided in the Javax.Servlet package.