

Code No: V3241**R07****Set No: 1**

III B.Tech. II Semester Supplementary Examinations, November/December - 2012

WEB TECHNOLOGIES

(Information Technology)

Time: 3 Hours**Max Marks: 80**

Answer any FIVE Questions
All Questions carry equal marks

1. (a) Compare and Contrast HTML and DHTML.
(b) Write a HTML code which will print all the numbers from 1 to 10 except 3. [8+8]
2. (a) Write the HTML code of a Web page with One vertical frame at left side and two horizontal frames at right hand side.
(b) Write a JavaScript to validate a form consisting of a username. Also navigate to another web page after validation. [8+8]
3. (a) Write a Sample XML scheme and write a sample XML file to include this schema in the XML file.
(b) Explain the DOM parser methods used to parse the document? [8+8]
4. Write about the following:
a) Bean methods
b) Bean properties
c) Bean events. [5+5+6]
5. (a) Define cookie? Explain the java class which encapsulates cookies.
(b) Discuss about session tracking. [8+8]
6. (a) Write about the JSP processing.
(b) Explain the components of JSP. [8+8]
7. Discuss about implicit JSP objects in detail. Explain the scope of every JSP implicit object. [16]
8. (a) Discuss the four types of JDBC drivers.
(b) Give a note on javax.sql package. [8+8]

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R07**Set No: 2**

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Answer any FIVE Questions
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1. Explain the following terms related to CSS:
 - Font size
 - Font weight
 - Font stretch
 - Text decoration
 - Text transformation
 - Text alignment
 - Padding
 - Border style.

(b) Explain the various ways you can reference a color in CSS. [8+8]
2. (a) Briefly explain all java script date objects.
(b) Briefly explain java script Array objects. [8+8]
3. (a) Discuss the important features of XML which make it more suitable than HTML for creating web related services.
(b) Explain how styling XML with cascading stylesheets is done for the library information domain. [8+8]
4. (a) Define Java Bean. Explain about Java Bean API. List the Advantages of Java Beans.
(b) What is introspection? How to implement this with java beans? [8+8]
5. (a) What are the Objects used to share the information in servlets
(b) Explain the usage of cookies in Session management [8+8]
6. (a) Write a JSP to output any given string ten times.
(b) Give a note on Testing Tomcat server. [8+8]
7. (a) Explain the lifecycle of JSP.
(b) Discuss the JSP standard actions. [8+8]
8. (a) Explain the Struts frame work with example.
(b) Write a jsp code which will retrieve the user name from the database and print the name with hello message. [8+8]

Code No: V3241**R07****Set No: 3**

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WEB TECHNOLOGIES

(Information Technology)

Time: 3 Hours**Max Marks: 80**

Answer any FIVE Questions
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1. (a) What are The main difference between DHTML and HTML?
(b) The URL Consists of three parts what are those?
(c) Define table. Briefly explain all its attributes with neat example. [4+4+8]
2. (a) Briefly explain all java script Math objects.
(b) Briefly explain about function and exceptional handling mechanism in java script. [8+8]
3. (a) Briefly explain the differences between DOM and SAX XML Parsers
(b) Write a sample java code to validate an XML file using the DOM parser methods [8+8]
4. (a) What is introspection? How to implement this with java beans?
(b) Demonstrate with a suitable example the connecting of beans with events in the BeanBox. [8+8]
5. (a) Define Servlet. Explain in detail lifecycle of Servlet.
(b) Describe in detail ServletResponse interface of javax.servlet package. [8+8]
6. (a) How to get the initial parameters in to servlets explain with java code.
(b) Write a sample JSP to display the User name on the web page [8+8]
7. (a) Discuss error handling mechanism in JSP.
(b) How application data can be shared in JSP? Explain. [8+8]
8. (a) Write a jsp code which will retrieve the fields from a table and print the those fields
(b) Briefly explain MVS architecture. [8+8]

Code No: V3241**R07****Set No: 4**

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1. (a) Write the HTML code to set the font of a text using external style sheet and internal style sheet.
(b) Write a java script code to validate the user entry of user id and pass word fields of a HTML page. The validation should check for the entry of nulls. [8+8]
2. (a) Explain how a switch-case statement is used in JavaScript with an example.
(b) Explain the Document Object Model of Java script [8+8]
3. (a) Write a sample DTD to the book with any four elements like name of book, author, no of pages, date of edition and write an XML code to include this DTD file.
(b) Write the differences between DOM and SAX parsers [8+8]
4. (a) What are the Entity Beans? Explain them the life cycle of an Entity bean.
(b) Explain the Constrained properties of a Java Bean with java code [8+8]
5. (a) Explain the core interface provided in javax.servlet.http package.
(b) How to handle HTTP requests and responses. [8+8]
6. (a) Write a sample JSP that counts the number of times any user visit that page and displays that count
(b) Explain the Use bean tag of a JSP with example. [8+8]
7. (a) What are cookies? How to tackle the problem if the user disables the cookies?
(b) What is meant by dynamic content? Differentiate it with other forms. [8+8]
8. (a) Explain how JDBC performs mapping between JAVA and SQL data types.
(b) Write a sample java program to connect to a database from a JSP using JDBC [8+8]
