Code No: R32055 **R10** **Set No: 1**

III B.Tech. II Semester Regular Examinations, April/May -2013

ADVANCED JAVA AND WEB TECHNOLOGIES

(Computer Science and Engineering)

Time: 3 Hours **Max Marks: 75**

Answer any FIVE Questions
All Questions carry equal marks
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1. a) List and explain various tags in the HTML.
   b) Discuss about cascading style sheets in HTML.

2. Discuss with an example how to create a PHP script and run a PHP script?

3. a) What is XML? Explain the differences between XML and HTML.
   b) Explain the XML schemas.

4. a) With a neat diagram explain the Bean Developer Kit.
   b) What is meant by Introspection? Without introspection, the Java Bean technology could not operate. Discuss.

5. a) Explain with an example how to create and compile the servlet source code?
   b) Discuss briefly the javax.servlet.http package.

6. What are the problems with servlets? Explain the anatomy of a JSP page.

7. Explain the javax.sql.* package and struts framework.

8. Write short notes on the following
   (a) AJAX
   (b) JSDK
   (a) Integrating PHP and AJAX.

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Code No: R32055 **R10** **Set No: 2**

III B.Tech. II Semester Regular Examinations, April/May -2013

ADVANCED JAVA AND WEB TECHNOLOGIES

(Computer Science and Engineering)

Time: 3 Hours **Max Marks: 75**

Answer any FIVE Questions
All Questions carry equal marks
*****

1. Discuss the following:
   (a) Objects in Java script.
   (b) Dynamic HTML with java script.

2. Explain with a sample PHP script how the variables, constants, data types and operators can be defined and used in PHP programming.

3. a) XML is not a replacement for HTML. Discuss.
   b) Discuss how XML simplifies data sharing and data transport.

4. a) Write the steps to create and configure an instance of the OurButton Bean.
   b) What are the classes defined in the java beans? Explain them briefly.

5. State and explain the various methods defined by ServletResponse and HttpServletResponse interfaces.

6. Discuss about JSP processing, conditional processing, and MVC.

7. What is meant by JDBC? Discuss its advantages and explain how to deploy JAVA beans in a JSP page?

8. Write short notes on the following:
   (a) UDDI
   (b) BDK
   (c) XSLT.

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JNTUWORLD

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Code No: R32055 **R10** **Set No: 3**

III B.Tech. II Semester Regular Examinations, April/May -2013

ADVANCED JAVA AND WEB TECHNOLOGIES

(Computer Science and Engineering)

Time: 3 Hours **Max Marks: 75**

Answer any FIVE Questions
All Questions carry equal marks
*****

1. Discuss clearly about tags, lists, tables and images in HTML.

2. Explain with a sample PHP program how to use 'if' structure, 'switch' structure, while loop, do while loop in PHP programming.

3. a) Discuss how XML separates data from HTML.
   b) Write an example XML document and explain it.

4. a) What is a Java Bean? Discuss the advantages of Java Beans.
   b) What is meant by BDK? Explain how to install and start it?

5. a) Discuss about the HttpSessionBindingListener Interface.
   b) Explain with an example how to handle Http Post requests.

6. Compare the Servlets with the JSP. Discuss about JSP application design with MVC.

7. What are the advantages of struts framework? Discuss how to access a database from a JSP page.

8. Write short notes on the following:
   (a) SOAP
   (b) DOM
   (c) WSDL.

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Code No: R32055 **R10** **Set No: 4**

III B.Tech. II Semester Regular Examinations, April/May -2013

ADVANCED JAVA AND WEB TECHNOLOGIES

(Computer Science and Engineering)

Time: 3 Hours **Max Marks: 75**

Answer any FIVE Questions
All Questions carry equal marks
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1. a) Compare HTML and Java Script.
   b) Discuss about frames and cascading style sheets in HTML.

2. Explain with a sample PHP program how to use for loop, for each loop and arrays in PHP programming.

3. a) Explain the XML document object model.
   b) Discuss about DOM and SAX.

4. What is meant by Introspection? Explain with an example how to develop a simple bean by using the BDK.

5. a) What is meant by servlet? Explain how to build a simple servlet.
   b) Discuss briefly about javax.servlet package.

6. Discuss how to generate dynamic content, declare variables and methods in JSP application development.

7. Explain about database programming using JDBC. And also discuss about struts framework.

8. Write short notes on the following
   (a) UDDI
   (b) XSLT
   (c) SOAP.

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