

Code No: **R32055**

R10

Set No. 1

III B.Tech II Semester, Regular/Supplementary Examinations, May/June - 2015

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 What is a frame? What are the advantages of frames? Discuss their usage in WebPages. [15]
- 2 a) Define PHP and how do you configure wamp and xamp server. [7]
b) Explain Identifiers in PHP with an example. [8]
- 3 a) How XML is useful in defining data for web applications? Explain. [7]
b) Discuss the various terms related to document type definition. [8]
- 4 a) Define Java Bean. Explain the Java Bean class preparation. [7]
b) With relevant examples explain the different types of beans properties. [8]
- 5 a) What is importance of session tracking? How sessions are created? [8]
b) Explain the methods that are central to the life cycle of a servlet. [7]
- 6 a) Explain the anatomy of a JSP page. [7]
b) Discuss about JSP processing. [8]
- 7 a) Explain Database Programming using JDBC. [8]
b) Brief explain Javax.sql.* package. [7]
- 8 a) Explain AJAX. [5]
b) Write about Integrating PHP and AJAX. [10]

WWW.MANARESULTS.CO.IN



Code No: R32055

R10

Set No. 2

III B.Tech II Semester, Regular/Supplementary Examinations, May/June - 2015

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 What is meant by cascading style sheet? Explain with illustration. [15]
- 2 a) Explain syntax of Arrays in PHP with example. [8]
b) Explain the Anatomy of a PHP Page. [7]
- 3 a) Explain the use of XML schema in the process of web designing with an example. [7]
b) Explain how XLST works with neat illustrations. [8]
- 4 a) What is the difference between a Bean and any other class? Explain. [8]
b) How a bean can be used in a web document? Discuss an example. [7]
- 5 a) Explain init(), service(), and destroy() methods of servlet. [8]
b) Explain how server handles security issues. [7]
- 6 a) Discuss the benefits of JSP. [7]
b) What are the subdirectories and its contents in the Tomcat installation directory? [8]
- 7 a) Explain deploying JAVA Beans in a JSP Page. [8]
b) Write in brief about struts framework. [7]
- 8 a) Brief about SOAP. [5]
b) Write in detail about Integrating PHP and AJAX. [10]

WWW.MANARESULTS.CO.IN



Code No: **R32055**

R10

Set No. 3

III B.Tech II Semester, Regular/Supplementary Examinations, May/June - 2015

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 What is meant by style? Discuss the mechanisms by which styles can be applied to HTML documents. [15]
- 2 a) Explain Get and Post methods in PHP. [7]
b) Explain static, global and super global variables with an example. [8]
- 3 a) What is SAX parser? What is produces. [5]
b) Compare SAX parser with DOM parser. [5]
c) Explain why XML uses both streaming and tree- based parsing. [4]
- 4 a) Define Java Bean. Explain the Java Bean class preparation. [8]
b) Explain the highlighting features of Java Beans. [7]
- 5 a) What is servlet? How it is different from applet? What are its advantages? [7]
b) Explain briefly about javax. servlet package. [8]
- 6 a) What are the problems with servlets? How JSP solves the problems. [7]
b) What is MVC? Explain JSP application design with MVC. [8]
- 7 a) Explain in detail accessing a Database from a JSP. [7]
b) What are the application specific database actions? [8]
- 8 a) Write about WSDL. [7]
b) Write about UDDI. [8]

WWW.MANARESULTS.CO.IN



Code No: **R32055**

R10

Set No. 4

III B.Tech II Semester, Regular/Supplementary Examinations, May/June - 2015

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 Explain the two uses of tables. Quote suitable HTML code examples in the discussions. [15]
- 2 a) Define PHP and how do you configure wamp and xamp server. [7]
b) Explain Identifiers in PHP with an example. [8]
- 3 a) Distinguish between DOM approach and SAX approach. [7]
b) What is meant by a valid XML document? Compare it with a well-formed XML document. [8]
- 4 a) JAVA bean is a reusable platform – neutral software component”. Justify the statement. [8]
b) With relevant examples explain the properties of different types of beans. [7]
- 5 a) Write detail notes on servlets and also explain lifecycle of a servlet. [8]
b) Explain session tracking with example. [7]
- 6 a) Explain JSP application design with model, view, controller (MVC). [7]
b) What are the contents of WEB-INF directory? Explain its use. [8]
- 7 a) What is JDBC? What are its advantages? [7]
b) Write briefly about struts framework. [8]
- 8 a) Write about AJAX. [7]
b) Write about WSDL. [8]

WWW.MANARESULTS.CO.IN

|||||