

Code No: R32122

R10

Set No: 1

III B.Tech. II Semester Regular/Supplementary Examinations, May/June -2014

ADVANCED JAVA PROGRAMMING

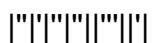
(Information Technology)

Time: 3 Hours

Max Marks: 75

Answer any FIVE Questions
All Questions carry equal marks

1. What is JNDI? What is its basic use? When it is used? Explain.
2. (a) What are the layers of RMI Architecture.
(b) Explain procedure for locating Remote objects.
3. (a) JAVA bean is a reusable platform – neutralsoftware component”. Justify the statement.
(b) Explain the highlighting features of Java bean.
4. Explain about EJB container and its services.
5. (a) Differentiate between the following.
 - i) Servlet and applet
 - ii) CGI and servlet(b) What is a cookie? Explain the Cookie class.
6. Explain in detail error handling and debugging in JSP pages.
7. Explain procedure of deploying JAVA Beans in a JSP page.
8. Write about web service technologies
 - (a) UDDI
 - (b) WSDL



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Set No: 2

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(Information Technology)

Time: 3 Hours

Max Marks: 75

Answer any FIVE Questions
All Questions carry equal marks

1. Explain in detail about Naming and directory services.
2. Write about
 - (a) Parameter passing RMI
 - (b) RMI firewalls.
3. (a) What are the benefits of Java Beans? Explain.
(b) Discuss in detail the bound properties of Beans.
4. Discuss in detail working with EJBs.
5. (a) Explain init(), service(), and destroy() methods of servlet.
(b) Explain how server handles security issues.
6. (a) Explain the anatomy of a JSP page.
(b) What is MVC? Explain JSP application design with MVC.
7. (a) Explain JDBC API.
(b) What is a connection pool? How it provides a better performance?
8. Explain in detail the concept of developing web services.



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Set No: 3

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ADVANCED JAVA PROGRAMMING

(Information Technology)

Time: 3 Hours

Max Marks: 75

Answer any FIVE Questions
All Questions carry equal marks

1. Explain about searching an LDAP server and its applications.
2. What is RMI? Write in detail about RMI Architecture.
3. Explain the significance of the bound property in Javabeans. With an example explain the bound properties related to Java bean.
4. Write in detail architecture of EJB and its features.
5. What is the difference between HTTP GET and POST requests? Write and explain a HTTP servlet that takes a request from a client with telephone number and send response to client with the telephone bill.
6. (a) Discuss the benefits of JSP.
(b) What are the subdirectories and its contents in the Tomcat installation directory?
7. (a) What is a database driver? Explain.
(b) List and explain attributes for JSTL `<sql:setDataSource>`
8. Write about web service technologies
 - (a) SOAP
 - (b) WSDL

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Set No: 4

III B.Tech. II Semester Regular/Supplementary Examinations, May/June -2014

ADVANCED JAVA PROGRAMMING

(Information Technology)

Time: 3 Hours

Max Marks: 75

Answer any FIVE Questions
All Questions carry equal marks

1. Explain different features of LDAP and operations.
2. Explain in detail developing applications with RMI.
3. (a) What is a bean development Kit? Also explain the use of JAR file in relation with JAVA beans.
(b) Explain the design patterns for the bean events.
4. Explain in detail designing of EJB tier.
5. Write a servlet that defines a web page containing colors and a servlet that prints the selected color, reading it from the HTML file.
6. Explain generating dynamic content using scripting elements.
7. Write briefly about struts framework. Explain how it is different to existing frameworks.
8. Explain in detail how to manage web services smartly.

