

**Code No: R32122**

**R10**

**Set No: 1**

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

**ADVANCED JAVA PROGRAMMING**

(Information Technology)

**Time: 3 Hours**

**Max Marks: 75**

Answer any FIVE Questions  
All Questions carry equal marks

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1. What is meant by naming and directory services? State and explain various general-purpose directory services and also discuss about FQDN.
2. Explain clearly with a suitable example how to develop application with RMI?
3. What is a Java Bean? Explain with an example how to develop a simple Bean using the JDK.
4. Explain the EJB container and its services.
5. a) State and explain various methods defined by ServletRequest.  
b) Explain with a sample program how to read servlet parameters?
6. Write the anatomy of a JSP page and also explain how to test the Tomcat?
7. (a) Explain how to access a database from a JSP page?  
(b) Discuss about struts framework.
8. Explain the J2EE technologies for web services.

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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  
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1. What is meant by JNDI? What separates JNDI from a traditional directory API.
2. Explain about primary parameters passing, object parameters passing, and remote parameters passing in RMI.
3. a) State and explain various interfaces defined in the java beans.  
b) Discuss with a suitable example how to use the BeanInfo Interface.
4. Discuss about the client developers view, and the Bean providers view of EJBs.
5. a) State and explain various methods defined by HttpServletRequest.  
b) Discuss about handling HTTP requests and responses.
6. Explain how to generate dynamic content in JSP and also discuss about JSP application design with MVC.
7. Explain how to deploy JAVA Beans in a JSP page? And also discuss about struts framework.
8. Discuss in detail about SOAP, WSDL and UDDI.

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**Set No: 3**

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(Information Technology)

**Time: 3 Hours**

**Max Marks: 75**

Answer any FIVE Questions  
All Questions carry equal marks  
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1. What is LDAP? How do we use it to work with a directory service? And compare it with JNDI.
2. Discuss about HTTP Tunneling and SOCKS protocol.
3. a) Write the steps to create and configure an instance of the OurButton bean and connect it to the molecule bean.  
b) What is meant by JAR file? Discuss with an example how to create a JAR file.
4. Discuss about design of the EJB Tier and EJB container.
5. a) Discuss about the javax.servlet.http package.  
b) State and explain various methods defined by HttpServletResponse.
6. a) Explain the process of sharing data between JSP pages.  
b) Discuss how to test Tomcat server.
7. Discuss how database programming will be done by using JDBC and also write brief notes on javax.sql.\* package.
8. Discuss about JAXP, JAXB, JAXM and JAX-RPC.

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**Set No: 4**

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

**ADVANCED JAVA PROGRAMMING**

(Information Technology)

**Time: 3 Hours**

**Max Marks: 75**

Answer any FIVE Questions  
All Questions carry equal marks

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1. What is meant by JNDI and LDAP? Discuss the LDAP operations.
2. Explain with a sample program how to write programs with RMI-IIOP?
3. What is a Java Bean? State and explain with a suitable example various steps to be followed to create a new bean.
4. Explain the EJB architecture in detail.
5.
  - a) Explain the life cycle of a Servlet.
  - b) Explain with an example how to use Tomcat for servlet development.
6. What is meant by JSP? Discuss about JSP application design with MVC.
7. Discuss the following
  - i) Accessing a database from a JSP page
  - ii) Deploying JAVA Beans in a JSP page.
8. What is meant by web service? Discuss various web service technologies.

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