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B.E / B.Tech (Full Time) DEGREE END SEMESTER EXAMINATIONS, APR / MAY 2013

COMPUTER SCIENCE & ENGG and INFORMATION TECHNOLOGY

V Semester

CS9022 Internet Programming

(Regulation 2008)

Time : 3 Hours

Answer ALL Questions

Max. Marks 100

PART- A (10 x 2 = 20 Marks)

1. List out the standard services provided by J2EE.
2. How SAX parser is advantageous over DOM?
3. Create a Java Server page for login screen using Java Bean.
4. What do you mean by Messaging models? How it is used?
5. Differentiate Passivation and Activation in Beans.
6. Define CCI.
7. What do you mean by JAXR?
8. List out the elements of WSDL file.
9. What are the benefits of SPRING framework?
10. How navigation takes place in JSF?

Part – B (5x16=80 marks)

11. a) i) List out the features of an Application Server and explain each feature in detail.
Mention few application servers with their functionalities. (10)
ii) Generate Pay slip using XSLT for all the employees working in a public sector.
Sort the employee's category wise, in descending order, based on their designation. (6)
 12. a) i) Develop an Online Book Store web application using JSP and other web technologies. (12)
ii) Write short notes on JAAS. (4)
- (OR)
- b) i) Explain about the structure of JNDI and its interfaces in detail. Also explain the most widely used directory service standard of JNDI. (12)
ii) Write short notes on Distributed Transactions. (4)

13. a) i) How do you create a Session Bean? In addition, how do you add business logic to a session bean? (8)

ii) Sketch the life cycle of an Entity Bean in detail. (8)

(OR)

b) i) Explain the three different types of Enterprise Java Beans with suitable examples. (10)

ii) Develop a user registration form to accept the Personal interest (hobbies) of the user and suggest websites based on his interest using JDBC. (User details should be stored and suggestions must be retrieved from the database). (6)

14. a) i) Explain about the different products and tools used for Web services in detail. (8)

ii) Discuss about the architecture of SOAP message with suitable examples (8)

(OR)

b) i) Discuss about the Model View and Front Controller Patterns in detail. (8)

ii) How do you search, publish and subscribe with UDDI? Explain with an example. (8)

15. a) i) Create a J2ME Midlet Application to display a bar graph. (8)

ii) Write a Hibernate mapping file which maps the employee class attributes to the database tables automatically. (8)

(OR)

b) i) How struts could be used to implement Action Form? Explain with an example. (8)

ii) Write an AJAX code to setup an event handler to show an alert and change its color whenever the link named "Some link" is clicked. (8)
