B.E. / B.Tech (Full Time) DEGREE END SEMESTER EXAMINATIONS, NOV/DEC 2013

COMMON TO CSE / IT

FOURTH SEMESTER

CS 9253 – Web Technology

(REGULATIONS - 2008)

Time: 3 Hrs   Max Marks: 100

Answer All Questions

Part – A (10 x 2 = 20 Marks)

1. Why java is architectural neutral?

2. What are the two sub classes under exception class?

3. What invokes a thread's run() method?

4. What are the differences between reader/writer class hierarchy and input/output stream hierarchy?

5. Define the process of Serialization?

6. What is event driven thread in swing?

7. How do we specify page breaks in HTML?

8. What HTTP response headers do?

9. What is a servlet? How does it differ from applet

10. List the difference custom JSP tags and beans

Part – B (5 x 16 = 80 Marks)

11. i) Explain the various types of inheritance in java   (8)

    ii. With suitable example, explain the interfaces in java   (8)

12. a. i. With suitable example code explain the process of event handling in detail   (10)

    ii. What is a thread? Explain it with an example   (6)

(OR)

b. i. Write a program in java using socket for "echo client"   (8)

    ii. Explain the I/O streams with any two methods of it   (8)

13. a. i. With suitable code explain the process of serialization and marshalling in RMI (16)

(OR)

b. ii. Write a program for banking application using JDBC (Consider any number of customers for creating account, type and operations like debit, credit and balances) and print the report for a month (16)

14. a. i. Write the XML content for student information and write the DTD (8)

    ii. Explain the XSLT with its diagram (8)

(OR)

b. Explain the following with suitable code

       i. HTML Frames & List   ii. HTML forms & Tables (16)

15. a. i. Describe the usage of Scriptlets and directives in JSP with suitable code (8)

    ii. Write a java servlet code to convert rupees in to US dollar with form fileds (8)

(OR)

b. i. Write the code in JSP that generates a web page showing some information of the current

    Session (8)

    ii. Explain the URL rewriting and Hidden form fields in session tracking (8)