

IV B.Tech I Semester Regular Examinations, Nov/Dec 2009

WEB TECHNOLOGIES

Computer Science And Engineering

Time: 3 hours

Max Marks: 80

**Answer any FIVE Questions
All Questions carry equal marks**

1. (a) Develop a servlet that handles HTTP POST request.
(b) HTTP is a stateless protocol. Substantiate the statement. [10+6]
2. Create a HTML document that has two frames in one column. The top frame, which must be 20 percent of the column, must have at least four links to other documents; the bottom frame will display those documents. The links must be names of the departments in your college; the documents must be at least five-line description of the departments. [16]
3. (a) Explain the following given classes and their usage:
 - i. IntrospectionException
 - ii. EventSetDescriptor.
 - iii. BeanDescriptor
 - iv. FeatureDescriptor.(b) "EJB is a managed, server-sided component for modular construction of enterprise applications" -Justify this statement and explain the cause. [8+8]
4. (a) Develop a JSP to accept users first name and then welcome the user by name.
(b) Discuss about javax.servlet.jsp.tagext package. [10+6]
5. (a) Discuss the important features of XML which make it more suitable than HTML for creating web related services.
(b) Explain how styling XML with cascading stylesheets is done for the library information domain. [8+8]
6. Explain JSP scripting components with examples. [16]
7. (a) How does Javascript fare as an object-oriented language? Would it be correct to say that javascript is object-based rather than object-oriented?
(b) Explain how events are handled in Javascript.
(c) Write a script that reads an integer and displays whether it is a prime number or not. [5+5+6]
8. What is a framework? Why is it useful for application development? Explain in detail struts framework. [16]
