

**B.Tech. – VIEP – COMPUTER SCIENCE AND  
ENGINEERING (BTCSVI)****Term-End Examination****December, 2015****BICS-023 : WEB TECHNOLOGY***Time : 3 hours**Maximum Marks : 70*

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**Note :** Attempt any **seven** questions. All questions carry equal marks.

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1. (a) What is client – server communication ? 5  
(b) List out the standard in JavaScript. 5
2. (a) Discuss the concept of CSS and its uses, with the help of an example. 5  
(b) Explain FRAME and IFRAME tags and their attributes. 5
3. (a) What is the use of web services ? 5  
(b) Explain in detail about XML with the help of an example. 5
4. Explain in detail the working of the following Internet protocols : 5+5=10  
(a) TCP/IP  
(b) HTTP

5. Describe the process of generating dynamic content using servlets. 10
6. Write the code for converting any two currencies to US dollar using Java servlet. 10
7. Explain the following with an example each : 10
- (a) URL rewriting
  - (b) Data types in XML schema
8. Explain in detail about the action elements in JSP with an example of display current time and color. 10
9. What is JDBC connection ? Explain the steps to get database connection in a simple Java program. 10
10. Write short notes on any *two* of the following : 5+5=10
- (a) Security Issues in Web Servers
  - (b) Tomcat Server
  - (c) Struts Framework
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