



B.C.A. (Semester – V) Examination, April 2017
WEB TECHNOLOGY

Duration : 2 Hours

Max. Marks : 50

- Instructions :** 1) **All questions are compulsory.**
2) **Figures to the right indicate full marks.**
3) **Draw diagrams wherever necessary.**

1. A) Define the following. (1×5=5)
- a) Hypertext
 - b) RSS
 - c) Web Service
 - d) SGML
 - e) Internet Protocol.
- B) Indicate whether **each** of the following statement is **True** or **False**. (1×5=5)
- a) XML is a software and hardware independent tool for carrying information.
 - b) Adding target="_main" to a link tag causes the browser to display the linked document in the browser window without any frames.
 - c) More than one <script> element can be used in a single HTML document.
 - d) In style sheets, more than one rule can be assigned to a particular element, but the browser will follow only the rule that takes precedence.
 - e) HTML tags tell a Web browser how to render a Web page.
2. Answer the following :
- a) What is the use of DOM in W3C standards ? 2
 - b) Briefly explain the methodology to combine multiple CSS files into one. 3
 - c) Explain JavaScript events onFocus, onBlur and onChange. 5



3. Answer the following :
 - a) What is event bubbling ? 2
 - b) Define Web Server. Write any 2 advantages and disadvantages of Apache server ? 3
 - c) Discuss the attributes that make up a DHTML. 5

4. Answer the following :
 - a) List any two benefits of XML. 2
 - b) What is the 'Strict' mode in JavaScript and how can it be enabled ? 3
 - c) Briefly discuss the CSS Box Model. State any two benefits and demerits of using External Style Sheets. 5

5. Answer the following :
 - a) What is the difference between \$name and \$\$name ? 2
 - b) Briefly explain the predefined variables \$_GET, \$_POST and \$_REQUEST in PHP. 3
 - c) Write a short note on : 5
 - a) Digital signature
 - b) Hardening Web Server Security.