



B.C.A. (Semester – V) Examination, October 2016
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) W3C.
b) Regular Expression.
c) SaaS.
d) Digital Signature.
e) XML-Schema.
- B) Indicate whether **each** of the following statement is **True** or **False** : (1×5=5)
a) An element declared as deprecated by the W3C is obsolete.
b) Frames must be used in a disciplined way for page layout in order to offset their potential drawbacks:
c) It is good programming practice to write one function to perform your entire program.
d) Web 2.0 is a term used to describe major technological shifts or improvements in the Web.
e) Including HTML tags inside a <script> element will generally cause an error.
2. Answer the following :
a) What is a document type declaration ? 2
b) Explain with an example how we can use tables to structure forms. 3
c) Briefly explain the four types of runtime errors in PHP. 5
3. Answer the following :
a) List any two features of DHTML. 2
b) Briefly explain the Get and Post methods in form submitting. 3
c) Differentiate between Class selector and ID selector using snippet code. 5



4. Answer the following : 2
- a) Why are XML documents well-formed ? 2
 - b) Briefly explain the three various ways the PHP code can be embedded in an HTML page. 3
 - c) Explain Event Handling in JavaScript with an example. 5
5. Answer the following :
- a) List any two main functions of DOM. 2
 - b) What is the role of XML in a web application ? 3
 - c) Write a short note on : 5
 - a) Digital Certificates.
 - b) Secure Socket Layer.