



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 : (1x5=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** : (1x5=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- a) An element declared as deprecated by the W3C is obsolete.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

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- 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.

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 5  
 c) Differentiate between Class selector and ID selector using snippet code.  
 b) Briefly explain the Get and Post methods in form submitting.  
 a) List any two features of DHTML.  
 3  
 2  
 3. Answer the following :  
 c) Briefly explain the four types of runtime errors in PHP. 5  
 b) Explain with an example how we can use tables to structure forms. 3  
 a) What is a document type declaration? 2  
 2. Answer the following :  
 e) Including HTML tags inside a <script> element will generally cause an error.  
 d) Web 2.0 is a term used to describe major technological shifts or improvements in the Web.  
 c) It is good programming practice to write one function to perform your entire program.  
 b) Frames must be used in a disciplined way for page layout in order to offset their potential drawbacks.  
 a) An element declared as deprecated by the W3C is obsolete.  
 B) Indicate whether each of the following statement is True or False : (1x2=2)