



B.C.A. (Semester - V) Examination, October 2015
WEB TECHNOLOGY (Revised Course)

Duration : 2 Hours

Max. Marks : 50

Instructions : i) **All questions are compulsory.**
ii) **Figures to the right indicate full marks.**

1. A) Define the following : (5×1=5)
 - i) Domain Naming System
 - ii) Hypertext
 - iii) Box Model in CSS
 - iv) Regular Expressions
 - v) Well-formed XML.
- B) Give a technical term for the following : (5×1=5)
 - i) HTML Tags that describe the containing web page.
 - ii) An action that occurs when a user interacts with a Web page.
 - iii) Defining the CSS style within the tag.
 - iv) A recorded collection of transactions between client/server per unit time.
 - v) A secure protocol layer above TCP/IP that encrypts data and authenticates servers identity.
2. A) Explain the client/server model in web. 2
- B) Explain the concept of identifiers and classes in CSS. 3
- C) With a suitable example explain the different form fields that can be created on a webform. 5
3. A) What are indexed arrays in JavaScript ? 2
- B) Explain the various dialog boxes in JavaScript. 3
- C) With suitable examples explain the setInterval and setTimeout methods of the Window Object. 5

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- 4. A) What are the different data types in PHP ? 2
- B) Explain superglobals in PHP. 3
- C) With a suitable example explain the concept of cookies in PHP. 5
- 5. A) What is a Document Type Definition in XML ? 2
- B) Compare and contrast HTML and XML. 3
- C) Explain the working of the hashing based public/ private key digital signature algorithm. 5

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