



**B.C.A. (Semester – V) Examination, October 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)
- a) Cookie
  - b) RIA
  - c) Regular Expression
  - d) MIME
  - e) Web Browser.
- B) State whether **each** of the following statements is **true** or **false**. (1×5)
- a) By an intranet we mean a network connecting all computers of an organization and using the internet protocol.
  - b) A web page is located using a Universal Record Locator.
  - c) A search engine is a program to search for web pages for information using specified search terms.
  - d) HTML is a programming language.
  - e) In order to interpret XML documents one should have a document type definition which defines the tags.
2. Answer the following :
- a) What is a pseudo-class in CSS ? 2
  - b) Explain the usage of the Meta-tags in a web page. 3
  - c) Briefly explain tag style method of linking CSS to HTML document with snippet code. 5
3. Answer the following :
- a) State any two points of difference between button v/s hyperlink. 2
  - b) What are the different objects used in JavaScripts ? 3
  - c) Discuss how to manage exception handling in JavaScript. 5



4. Answer the following :

- a) What are the types of nodes in DOM Tree ? 2
- b) Briefly explain any 3 features of XML. 3
- c) Compare and contrast between require() and include() in PHP. 5

5. Answer the following :

- a) Differentiate between explode() and split() in PHP. 2
  - b) Discuss the Client Server Paradigm. 3
  - c) Write short note on the following : 5
    - i) CAPTCHA
    - ii) Principles of web security.
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