



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

Duration : 2 Hours

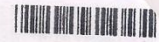
Max. Marks : 50

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

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4. Answer the following :

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

2
3
5

5. Answer the following :

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

2
3
5