

Total No. of Pages : 02

BMCI (2014 & Onwards) (Sem.-3)
FUNDAMENTALS OF INTERNET TECHNOLOGIES
Subject Code : BMCI-302
Paper ID : [72585]

Max. Marks : 60

1. **SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.**
2. **SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.**
3. **SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.**

Q1

- What is the difference between static and dynamic website? How can a static website be made dynamic?
- What do you mean by DHTML? Explain its advantages as compared to HTML.
- What are XML Namespaces?
- Discuss the security issues with the use of Ajax.
- What is XML Http Request object?
- What are the types of Popup boxes in JavaScript?
- What are the advantages of schema over DTD?
- What are the benefits of using Ajax in a website?
- What are reset() and submit() methods of Form object? How is a JavaScript form validated?
- Explain the steps of uploading a website to a remote server.

SECTION B

- Q2 Explain the communication between web server and web browser.
- Q3 Write the structure of a HTML program and discuss its elements.
- Q4 Explain the use of DTD for structuring the XML document.
- Q5 What is a Function? How is a function defined in JavaScript? Discuss the use of Function() constructor with an example.
- Q6 What are Cookies? How do cookies work?

SECTION C

- Q7 What do you mean by CSS? What are the advantages of CSS as compared to HTML? Explain the working and integration of CSS with HTML in detail.
- Q8 Write an XML document to illustrate Elements, Attributes and Data section.
- Q9 Elaborate the JavaScript Document Object Model in detail.