MCA – 14: Internet & Web-I

Unit: 1 [25%]

Concept of Internet (Book – 1)

A brief Introduction to the Internet: Computer Networks, Internet, URL (Uniform Resource Locator), Internet Service Provider, Intranet, Extranet, Virtual Private Network.

Application of Internet:

World Wide Web, Search Engines, News groups, Electronic Mail, Web Portal, Chat, Video Conferencing, FTP, Remote Login, E-Commerce, E-Learning, E-Governance, E-Banking.

Unit: 2 [25%]

Static Web Page Development (Book - 2)

Basics of HTML: What is Internet Language?, Understanding HTML, Create a Web page, Linking to other Web Pages, Publishing HTML Pages, Text Alignment and Lists, Text Formatting Fonts Control, Email Links and link within a Page, Creating a Table.

Unit: 3 [25%]

Layout and Dynamic Web page Development (Book – 2)

Creating HTML Forms, Creating Web Page Graphics, Putting Graphics on a Web Page, Custom Backgrounds and Colors, Creating Animated Graphics.

Cascading Style Sheet: CSS, Defining Style with HTML Tags, Features of Style Sheet, Style Properties, Style Classes, External Style Sheet

Unit: 4 [25%]

JavaScript (Book-3)

Introduction to JavaScript: Writing First Java Script, External JavaScript, Variables: Rules for variable names, Declaring the variable, Assign a value to a variable, Scope of variable, Using Operators, Control Statements, JavaScript loops, JavaScript Functions: Defining a Function, Returning value from function, User define function.

Text Books:

1. Internet and Web Design Based on DOEACC III Revised syllabus 'O' Level - Mac Millan India Ltd.
2. Teach Yourself HTML 4 in 24 Hours By Dick Oliver (Tech media)   4th edition
3. The Complete Reference JavaScript By Thomas Powell & Fritz Schneider 2nd Edition.

Reference Books:

1. Online Help
2. HTML and CSS By Dick Oliver and Michael Morrison (Pearson Education) 7th edition
3. HTML, DHTML, JavaScript, Perl CGI By Ivan Bayross(BPB) 3rd Edition
4. CSS By Kynn Bartlett(Pearson Education) 2nd Edition
5. Introduction to Internet & HTML Scripting By Bhaumik Shroff
   Books India Publication 3rd Edition.

Question Paper Scheme:

Section – I

Q.1 Objective Type Unit I&II (11) Marks
Q.2 Unit – I OR Q.2 Unit – I (12) Marks
Q.3 Unit – II OR Q.3 Unit–II (12) Marks

Section – II

Q.4 Objective Type Unit III&IV (11) Marks
Q.5 Unit – III OR Q.2 Unit–III (12) Marks
Q.6 Unit – IV OR Q.3 Unit–IV   (12) Marks