

P.G.D.C.A. Semester – I

DCA-103 : Internet and Web Designing

Teaching Scheme (per week)		Teaching Scheme (per semester)		Examination Scheme					
				Internal		External		Total	
Th. (Hours)	Pr. (Hours)	Total (Hours)	Credit	Th. (Marks)	Pr. (Marks)	Th. (Marks)	Pr. (Marks)	Th. (Marks)	Pr. (Marks)
4	---	40	4	30	----	70	---	100	---

Unit – I								[17 Marks]	
Basics of Computer Networks: Introduction to Computer Networks, Advantages and disadvantages of computer networks. Types of Networks - LAN, MAN, WAN. Network Topology – Star, Ring, Bus, Tree, Complete, Irregular. Reference Models - The OSI reference model, the TCP/IP reference model									
Unit – II								[18 Marks]	
Transmission Media : Introduction to Transmission Media Guided Transmission Media : Magnetic Media, Twisted Pair, Co-axial Cable, Fiber Optics. Unguided Transmission Media : Radio Transmission, Microwave Transmission, Infrared.									
Unit – III								[17 Marks]	
Static Web Page Development Basics of HTML : <ul style="list-style-type: none"> • Introduction to HTML, HTML document structure • Adding text in newline(
 ... </BR>), Creating Paragraph (<p> ... </p>) • Creating heading (<h1> .. </h1> to <h6> .. </h6>) • Creating a horizontal line (<hr> ... </hr>) • Sub Script and Super Script Text • Text Alignment, Formatting of text (, <I> , <U>) • Other text formatting tags. • Font tag • Scrolling text (<marquee> ... </marquee>) • HTML Comments. • Working with list : Order list, Unordered list, Definition list • Preformatted tag <pre> ... </pre> • Working with Table :Creating table, Specifying caption, Table headings, All table related Tags and attributes. • Working with Frames : <frameset> ... </frameset> and all attribute of tag, <frame> ... </frame> and all attribute of tag (including target attribute) • Working with Links : anchor tag <a> ... with its entire attribute. • Working with Images : ... and all its Attributes 									
Unit – IV								[18 Marks]	
Working with Forms : Creating form (<form> ... </form>) and all its Attributes, Adding controls to an HTML form, <input> tag and all its									

	attributes, <textarea> tag and all its attributes, <select>...</select> tag and all its attributes. Dynamic Web page Development : Introduction to Cascading Style Sheets (CSS), Defining Style with HTML Tags, Features of Style Sheet, Style Classes, External Style Sheet. Common Tasks with CSS Properties : Text, Fonts, Margins, Colors, Background and Borders, Table.	
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Books:

1. Computer Networks - Andrew S. Tanenbaum PHI Publications.
2. Internet and Web designing, Rajesh Maheta, Ronak patel, Rajendra patel and Shyam Chavda (Nirav Prakashan), 1st Edition.
3. Data Communications and networking, Behrouz A Forouzan, THM Publication.
4. E-commerce : Dr. Bhadrash Patel, Bharat Publication
5. Internet for Everyone – Alexix Leon and Mathews Leon Vikas Publication.
6. Introduction to Internet & HTML Scripting, Bhaumik Shroff, Books India Publication 3rd Edition.
7. Sams Teach Yourself HTML 4 in 24 Hours By Dick Oliver (Tech media) 4th edition.
8. HTML and CSS, Dick Oliver and Michael Morrison (Pearson Education) 7th edition.

Question Paper Scheme:

University Examination Duration : 3 Hours.

- Q.1 Descriptive / Long questions. (12 Marks)
- Q.2 Descriptive / Long questions. (12 Marks)
- Q.3 Descriptive / Long questions. (12 Marks)
- Q.4 Descriptive / Long questions. (12 Marks)
- Q.5
- A. Objective / Short Questions (UNIT-I & II) (12 Marks)
 - B. Objective / Short Questions (UNIT-III & IV) (10 Marks)

Note: Options should be given in all questions.