## Web Designing (BCA-17-206)

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			Book and Author's Name	Page No.
1	SECTION -A INTRODUCTION: Introduction to Internet and World Wide Web	12	Web Technology by N.P. Gopalan	1-3
2	Evolution and History of World Wide Web			
3	Basic features; Web Browsers (IE, Firefox) etc.			7-8
4	Web Servers			20-21
5	Hypertext Transfer Protocol		Complete Reference (Internet) by Young	100-104
6	Overview of TCP/IP			
7	TCP/IP services			
8	URLs			
9	Searching and Web-Casting Techniques			467-476
10	Web-Casting Techniques			
11	Search Engines			
12	Search Tools			
13	SECTION -B Introduction to Web Publishing	16	Complete Reference (Internet) by Young	513-523
14	Web Hosting: Hosting Website			
15	Internet Service Provider			
16	Internet Service Provider cont.			501-515
17	Web terminologies			301 313
18	Phases of Planning and designing Website			525-532
19	Steps for developing your Site			25-30
20	Choosing the contents; Home Page		Complete Reference (Internet) by Young	25-32
21	Domain Names System			580-585

22	Introduction to Front Page			
23	Front page views			541-546
24	Adding pictures & Links to Web Site		Web Technology by N.P. Gopalan	530-532
25	Change Backgrounds		1	100 151
26	Relating Front Page to DHTML			139-171
27	Introduction to DHTML, Various tags in DHTML			
28	Difference between HTML and DHTML			
29	SECTION –C Web Development: Introduction to HTML	14	Web Technology by N.P. Gopalan	68-94
30	Hypertext and HTML			
31	HTML Document Features			
32	HTML command Tags			
33	Physical tags, Logical tags			71-73
34	Text Formatting Tags			74-76
35	Various Tags ( <p>, ,<hr/>etc.)</p>			
36	Creating Link			72-79
37	Adding Images ( <img src=""/> tag			
38	Change in Background			530-532
39	Page Layouts			PPT
40	Text Styles Tags		Complete Reference (Internet) by Young	583-585
41	Coloring Tags			
42	Practicing Tags			
43	SECTION -D Adding Images to a web Page	18	Web Technology by N.P. Gopalan	81-83

44	Ordered and Unordered lists	
45	Definition List	
46	Inserting Graphics	
47	Table Creation and Layouts	
48	Frame Creation and Layouts	83-85
49	Working with Forms	85-87
50	Working with Menus	
51	Creation of Radio Buttons	88-91
52	Creation of Check Boxes	
53	Creation of Text Boxes	
54	Introduction to DHTML	139-14
55	Features of DHTML	152-15
56	Introduction to CSSP (Cascading Style Sheet Positioning)	674-68 651-65
57	Introduction to JSSS (JavaScript Assisted Style Sheet)	651-65
58	Layers of Netscape	146-15
59	The ID attributes	
60	DHTML events	155-16

## Data Structures (BCA-17-207)

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	SECTION -A	20	Data Structures	
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1 2	Header Nodes & Threads		A. K. Sharma	282
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3	Binary Search Tree (BST)			303-312
4	Searching in BST			
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7	AVL Search Tree			459-462
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12	Tree			PPT
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18	Huffman's algorithm			356-360
19	General Trees			
20	Question paper discussion	_		
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22	Types of Graphs	7		

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Quick Sort			
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45	Records- Fixed and Variable length records			
46	Primary Keys & Secondary Keys	1		
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48	File Operations	-		
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50	File Organization: Serial File			
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52	Indexed-Sequential File Organization	-		
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54	Direct Access File Organization	-		
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57	Introduction to Hashing			
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## Object Oriented Programming using C++ (BCA-17-208)

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1	SECTION -A Procedural Language and Object Oriented approach	18	Object Oriented Programming with C++/A. K. Sharma	95-104
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5	Getting started with C++	_		1-6
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19	SECTION -B Classes	16	Object Oriented Programming with	106-110
20	Private and Public	-	C++ / A. K. Sharma	
21	Constructor	1		177-193
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13	Requirements analysis using DFD			302
14	Organization of SRS			291
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23	Size Estimation like lines of Code			0.0
24	Function point			88
25	Cost Estimation Models			89
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27	Risk Management			133
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28	Question paper discussion			
20	SECTION -C	15	Software	252 254
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32	Object Oriented Design			604
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34	Token Count			329
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36	Design Metrics			240
37	Data Structure Metrics			349
38	Relationship between design and			349
39	implementation Implementation issues			338
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