

Lab	Type	Practical
I.	Introduction to Web Technology	
LAB-1	A	Typing Practice
LAB-2	A	Exploring a Website and HTTP Basics <ol style="list-style-type: none"> 1. Web Surfing 2. Collect About Us, Contact Us, ASWDC Content from Darshan University Website and Save information as text file 3. Demonstrate HTTP Protocol.
LAB-3	A	Case Study on basic Internet Protocol. <ol style="list-style-type: none"> 4. Understanding Internet and Web Explore different web browsers and search engines. Identify and explain common internet protocols (HTTP, HTTPS, FTP).
	A	<ol style="list-style-type: none"> 5. Understanding HTTP requests and responses Demonstrate client-server communication using HTTP requests (GET, POST). Demonstrate HTTP Response Status Codes.
II.	HTML	
LAB-4	A	Understanding Basic HTML Structure and Tags. <ol style="list-style-type: none"> 6. Demonstrate a HTML page that includes: <ul style="list-style-type: none"> ▪ Use of <!DOCTYPE> declaration ▪ Proper HTML document structure (<html>, <head>, <body>) ▪ A list of at least 5 basic HTML tags with their purpose
	A	<ol style="list-style-type: none"> 7. Design a sample HTML page to demonstrate the basic structure of an HTML document, which displays your name, roll number, and division.
	B	<ol style="list-style-type: none"> 8. Create a web page just like Wikipedia that shows information about basic HTML tags.
LAB-5	A	Demonstrate HTML tags and HTML controls <ol style="list-style-type: none"> 9. Demonstrate following HTML tags : <!DOCTYPE>, <html>, <head>, <title>, <body>, heading tags (<h1> to <h6>), paragraph tag (<p>), list tags (, ,), line break (
), horizontal rule (<hr>), and the id, class, and style attributes.



LAB-6	A	<p>Design given web pages using List tags</p> <p>10. Design a web page using list tag</p> <div data-bbox="443 459 1259 934" style="border: 1px solid black; padding: 10px;"> <p>Concept of WWW</p> <ul style="list-style-type: none"> ▪ It stands for World Wide Web. ▪ It is basically a system of internet servers that support specially formatted documents. ▪ It is a collection of text pages, videos, digital photographs and animations we can access over the internet. ▪ User access the World Wide Web facilities via client called a web browser. <p>HTTP Protocol</p> <p>I. HTTP stands for Hypertext Transfer Protocol. II. HTTP is based on the client-server architecture model and a stateless request/response protocol III. 404 File Not Found is a common HTTP status code.</p> <p>BCA Sem-2 Subject List</p> <p>HTML HyperText Markup Language</p> <p>CSS Cascading Style Sheet</p> <p>DBMS Database Management System</p> </div>
	B	<p>11. Design a web page using list tag with all it's attributes</p> <div data-bbox="448 1061 1176 1951" style="border: 1px solid black; padding: 10px;"> <p><i>Welcome BCA/B.Sc (IT) Students</i></p> <p>I. Semester Wise Subjects</p> <p style="padding-left: 20px;">a. Semester 1</p> <p style="padding-left: 40px;">i. C Programming</p> <p style="padding-left: 40px;">ii. HTML & CSS</p> <p style="padding-left: 20px;">b. Semester 2</p> <p style="padding-left: 40px;">i. Operating System</p> <p style="padding-left: 40px;">ii. DBMS</p> <p>II. Lab Practicals</p> <p style="padding-left: 20px;">1. Programming Lab</p> <p style="padding-left: 20px;">2. DBMS Lab</p> <p style="padding-left: 40px;">◦ MySQL Basics</p> <p style="padding-left: 40px;">◦ Queries</p> <p style="padding-left: 60px;">▪ SELECT queries</p> <p style="padding-left: 60px;">▪ JOIN queries</p> <p style="padding-left: 40px;">◦ Stored Procedures</p> <p style="padding-left: 20px;">3. Web Development Lab</p> <p>III. Final Year Projects</p> <p style="padding-left: 20px;">◦ Android App</p> <p style="padding-left: 40px;">◦ Student Attendance</p> <p style="padding-left: 20px;">◦ E-commerce Website</p> <p style="padding-left: 20px;">◦ Chatbot using AI</p> </div>



LAB-7		Application of various formatting HTML tags												
	A	12. Demonstrate following HTML tags : Preformatted text, Underline Tag, Bold Tag, Italic Tag, Inserted Tag and Deletion Tag.												
	A	13. Demonstrate HTML Entities.												
	A	14. Demonstrate the use of comment tag.												
	A	15. Demonstrate the use of Image tag.												
	B	16. Design a web page in which Images can be used as a Link.												
	B	17. Design 3 pages - Home, About Us, and Contact Us - and link them together using anchor tag.												
	C	18. Design 10 Pages like About us, Contact us etc... and link all them with anchor tag.												
LAB-8		Create a table in web page using table tags												
	A	19. <table><tr><th>Heading 1</th><th>Heading 2</th></tr><tr><td>Row 1 Column 1</td><td>Row 1 Column 2</td></tr><tr><td>Row 2 Column 1</td><td>Row 2 Column 2</td></tr></table>	Heading 1	Heading 2	Row 1 Column 1	Row 1 Column 2	Row 2 Column 1	Row 2 Column 2						
Heading 1	Heading 2													
Row 1 Column 1	Row 1 Column 2													
Row 2 Column 1	Row 2 Column 2													
	B	20. <table><tr><td colspan="2">1</td><td>2</td></tr><tr><td>3</td><td>4</td><td>5</td></tr><tr><td>6</td><td>7</td><td>8</td></tr><tr><td>9</td><td colspan="2">10</td></tr></table>	1		2	3	4	5	6	7	8	9	10	
1		2												
3	4	5												
6	7	8												
9	10													
	B	21. <table><tr><td>1</td><td>2</td><td>3</td></tr><tr><td>4</td><td>5</td><td>6</td></tr><tr><td></td><td>7</td><td>8</td></tr><tr><td>9</td><td></td><td>10</td></tr></table>	1	2	3	4	5	6		7	8	9		10
1	2	3												
4	5	6												
	7	8												
9		10												



LAB-9

Implement table using colspan and rowspan attributes

A

Company	Contact	Country
Alfreds Futterkiste	Maria Anders	Germany
Centro comercial Moctezuma	Francisco Chang	Mexico
Ernst Handel	Roland Mendel	Austria
Island Trading	Helen Bennett	UK
Laughing Bacchus Winecellars	Yoshi Tannamuri	Canada
Magazzini Alimentari Riuniti	Giovanni Rovelli	Italy

22.

A

Department	1 st Year		2 nd Year		3 rd Year		4 th Year	
	i	ii	iii	iv	v	vi	vii	viii
Computer Engineering	BCP	ACP	JAVA	WP	.NET	JS	ANDROID	ML
	WT	FOE	CN	PYTHON	PHP	TOC	CS	IOT
Information Engineering	PHYSICS	OAT	DS	SE	C++	CD	DAA	IOS
	MATHS	ENGLISH	DBMS	OS	FSD	CLOUD	AI	PROJECT

23.

B

Specification Table with Hours and Marks

Unit No.	Unit Title	Teaching Hours	Distribution of Theory Marks			
			R Level	U Level	A Level	Total Marks
I	Introduction to Internet Technology	2	4	4	0	8
II	Basics of HTML & CSS	6	0	2	6	8
III	Active Server Pages 3.0	6	4	8	0	12
IV	Server Side Coding with VBScript and XML	8	2	4	8	14
V	ASP Objects & Components	10	4	4	6	14
VI	Accessing database with ASP & ADO	10	4	4	6	14
	Total	42	18	26	26	70

24.



LAB-10

A

Explore Cell Spacing and Cell Padding in table

Using TABLES in Websites

Sales Report

Products	Year	Quarter-1	Quarter-2	Quarter-3	Quarter-4
Computers	2020	10	12	13	10
	2019	14	15	17	20
	2018	10	10	20	40
	2017	35	45	40	21
	2018	20	21	25	21
Printers	2020	30	32	14	16
	2019	24	35	27	23
	2018	14	19	23	20
	2017	35	45	40	21
	2018	10	11	15	11
Laptops	2020	30	42	23	50
	2019	24	35	27	26
	2018	30	40	24	42
	2017	15	25	43	22
	2018	30	31	35	31

25.

B

Table Heading	Table Heading			Table Heading
Table Data	Table Data			Table Data
Table Data	Table Data			Table Data
	Table Heading	Table Heading	Table Heading	
	Table Data	Table Data	Table Data	
	Table Data	Table Data	Table Data	
Table Data	Table Data			Table Data

26.

	C	<table><tr><th colspan="10">Table A(2b) Attributable Ownership Interest by Ethnicity Stations with One or More Attributable Persons Full Power Commercial Television Stations - 2013</th></tr><tr><th colspan="2" rowspan="3">Ethnicity</th><th colspan="8">No. of Stations and Percent of Total</th></tr><tr><th colspan="2">Nationally</th><th colspan="2">Nielsen DMA 1-50</th><th colspan="2">DMA 51-100</th><th colspan="2">DMA 101+</th></tr><tr><th>No.</th><th>%</th><th>No.</th><th>%</th><th>No.</th><th>%</th><th>No.</th><th>%</th></tr><tr><td rowspan="3">Hispanic or Latino</td><td>Female</td><td>96</td><td>7.7</td><td>69</td><td>14.8</td><td>9</td><td>2.7</td><td>18</td><td>4.1</td></tr><tr><td>Male</td><td>274</td><td>22.1</td><td>153</td><td>32.9</td><td>56</td><td>17.0</td><td>65</td><td>14.6</td></tr><tr><td>Total</td><td>322</td><td>26.0</td><td>189</td><td>40.6</td><td>64</td><td>19.4</td><td>69</td><td>15.5</td></tr><tr><td rowspan="3">Non-Hispanic or Latino</td><td>Female</td><td>984</td><td>79.4</td><td>404</td><td>86.9</td><td>273</td><td>82.7</td><td>307</td><td>69.1</td></tr><tr><td>Male</td><td>1,201</td><td>96.9</td><td>458</td><td>98.5</td><td>327</td><td>99.1</td><td>416</td><td>93.7</td></tr><tr><td>Total</td><td>1,210</td><td>97.7</td><td>460</td><td>98.9</td><td>329</td><td>99.7</td><td>421</td><td>94.8</td></tr><tr><td colspan="2">Total stations</td><td>1,239</td><td>100%</td><td>465</td><td>100%</td><td>330</td><td>100%</td><td>444</td><td>100%</td></tr><tr><td colspan="2">Insufficient data</td><td>147</td><td>---</td><td>75</td><td>---</td><td>30</td><td>---</td><td>42</td><td>---</td></tr><tr><td colspan="2">Stations not filed</td><td>1</td><td>---</td><td>0</td><td>---</td><td>0</td><td>---</td><td>1</td><td>---</td></tr><tr><td colspan="2">All licensed stations</td><td>1,387</td><td>---</td><td>540</td><td>---</td><td>360</td><td>---</td><td>487</td><td>---</td></tr></table>	Table A(2b) Attributable Ownership Interest by Ethnicity Stations with One or More Attributable Persons Full Power Commercial Television Stations - 2013										Ethnicity		No. of Stations and Percent of Total								Nationally		Nielsen DMA 1-50		DMA 51-100		DMA 101+		No.	%	No.	%	No.	%	No.	%	Hispanic or Latino	Female	96	7.7	69	14.8	9	2.7	18	4.1	Male	274	22.1	153	32.9	56	17.0	65	14.6	Total	322	26.0	189	40.6	64	19.4	69	15.5	Non-Hispanic or Latino	Female	984	79.4	404	86.9	273	82.7	307	69.1	Male	1,201	96.9	458	98.5	327	99.1	416	93.7	Total	1,210	97.7	460	98.9	329	99.7	421	94.8	Total stations		1,239	100%	465	100%	330	100%	444	100%	Insufficient data		147	---	75	---	30	---	42	---	Stations not filed		1	---	0	---	0	---	1	---	All licensed stations		1,387	---	540	---	360	---	487	---
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LAB-11	A	<p>27. Use table as a layout to design web page</p> <p>28. Design HTML Page of your class timetable</p>																																																																																																																																				



LAB-12

A

Demonstrate form elements to design various forms

29. Design Registration form of Student registration with following compulsory fields.

Student registration:

Full name	Email	Qualification	Mobile No	Address	Nationality
DOB	Gender	Highest Deg	CPI	University	Passing year

A

30. Design Registration form of Employee information with following compulsory fields.

Employee information:

Emp id	Emp Name	Designation	Contact no	Email
Job Location	Education	Marital status	Salary	Experience

B

31. Design Registration form of Railway reservation with following compulsory fields.

Railway reservation :

First Name	Last name	Email	Mobile no	Address
Country	State	City	Pincode	occupation

C

32. Design Online Booking with following compulsory fields.

Full name	Email	Phone number	Departure Date/Time	Return Date/Time	Pickup Address
Destination Address	Journey Type	No of Passenger	Additional Message		



LAB-13

A

Create a form in web page using table as a layout

Registration Form	
Student Name	<input type="text"/>
Father's Name	<input type="text"/>
Mother's Name	<input type="text"/>
Date of Birth	<input type="text" value="dd-mm-yyyy"/> <input type="button" value="📅"/>
Gender	Male <input type="radio"/> Female <input type="radio"/>
Email ID	<input type="text"/>
Mobile No.	<input type="text"/>
Address	<input type="text"/>
State	<input type="text"/>
City	<input type="text"/>
<input type="button" value="Submit"/>	

33.

B

Registration Form			
Student Name	<input type="text" value="First Name"/>	<input type="text" value="Middle Name"/>	<input type="text" value="Last Name"/>
Father's Name	<input type="text" value="Enter your father's Name"/>	Mother's Name	<input type="text" value="Enter your Mother's Name"/>
Date of Birth	<input type="text" value="dd-mm-yyyy"/> <input type="button" value="📅"/>	Gender	Male <input type="radio"/> Female <input type="radio"/>
Category	Gen <input type="radio"/> OBC <input type="radio"/> SC/ST <input type="radio"/>	Handicapped	Yes <input type="radio"/> No <input type="radio"/>
Ex-Serviceman	Yes <input type="radio"/> NO <input type="radio"/>	EWS	Yes <input type="radio"/> No <input type="radio"/>
Email ID	<input type="text"/>	Mobile No.	<input type="text"/>
State	<input type="text" value="Select any One"/>	City	<input type="text" value="Select any One"/>
Upload Photo	<input type="button" value="Choose File"/> No file chosen	Upload Signature	<input type="button" value="Choose File"/> No file chosen
<input type="button" value="Submit"/>			

34.



C

APPLICATION FORM

Personal Details

Applicant's full name	--Select--	Care Of	Parents <input checked="" type="radio"/> Guardian <input type="radio"/>
Father's Name	Mr. <input type="text"/>	Mother's Name	Mrs. <input type="text"/>
Gender	Male <input type="radio"/> Female <input type="radio"/> Others <input type="radio"/>	Date of Birth	dd-mm-yyyy <input type="text"/>
Marital Status	--Select--	Category	--Select--
Handicapped	No <input checked="" type="radio"/> Yes <input type="radio"/>	Ex-Serviceman	No <input checked="" type="radio"/> Yes <input type="radio"/>
EWS	No <input checked="" type="radio"/> Yes <input type="radio"/>	Religion	--Select--

Contact Details

Mobile Number	<input type="text"/>	Email ID	<input type="text"/>
Address Line 1	<input type="text"/>	Address Line 2	<input type="text"/>
City	<input type="text"/>	State	--Select--
Pin Code	<input type="text"/>		

Qualification Details

Sr No.	Qualification	Board/University	Passing Year	Max Marks	Marks Obtain	Percentage
1	--Select--	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	--Select--	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
3	--Select--	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
4	--Select--	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Language Knowledge

Language	Reading	Writing	Spoken
Hindi	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
English	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Urdu	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Identification Details

Aadhar Card Number	<input type="text"/>	PAN Card Number	<input type="text"/>
Upload Photo	<input type="button" value="Choose File"/> No file chosen	Upload Signature	<input type="button" value="Choose File"/> No file chosen

35.

LAB-14

A

Design complex forms using various elements and attributes of forms

Flight Booking Form

Please fill out the form below to book your flight.

Full Name

Email Address Phone Number

Departure City Destination City

Departure Date Return Date

Class

☐ Economy ☐ Business ☐ First Class

☐ I have read and accept the terms and conditions.

Submit

36.

B

Doctor Appointment Form

Appointment Date dd-mm-yyyy

Appointment Time --:--

Name First Last

Gender Male ☐ Female ☐

Phone #####

Address city state

Your Query

Appointment Type Select which appointment type(s) you require

☐ Cervix checkup

☐ Heart checkup

☐ Eye check-up

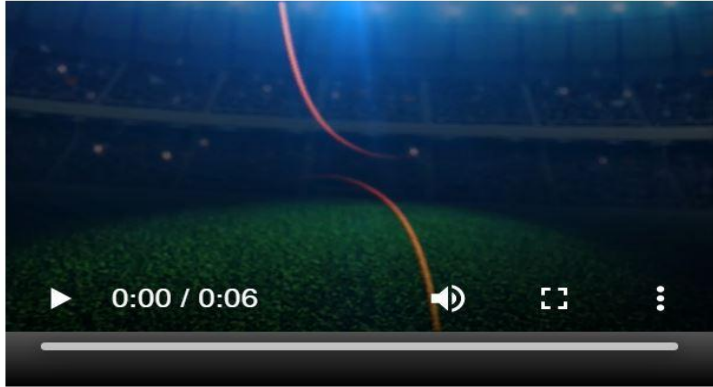
☐ Hearing Test

Send

37.



	C	<p style="text-align: center;">REGISTRATION APPLICATION FORM FOR COURSE - O LEVEL</p> <div> <div>1. Registration Form</div> <div> <div>1.0</div> <div>Have you got online reference number for enrolment with NIELIT/Accreditation/Extension Center</div> <div>No <input type="radio"/> Yes <input type="radio"/></div> </div> <div> <div>1.1</div> <div>Registration sought for</div> <div>O LEVEL <input type="button" value="v"/></div> </div> <div> <div>1.2</div> <div>Applied As</div> <div>Direct Candidate <input checked="" type="radio"/> Through Institute <input type="radio"/></div> </div> <div> <div>1.3</div> <div>Exam Cycle</div> <div>July, 2022</div> </div> <div> <div>1.4</div> <div>Registration Fee Will Be Paid By?</div> <div>Candidate Direct to NIELIT</div> </div> </div> <div> <div>2. Applicant's Personal Details</div> <div> <div>2.1</div> <div>Applicant's full name</div> <div>--Select-- <input type="button" value="v"/></div> </div> <div> <div>2.2</div> <div>Care Of</div> <div>Parents <input checked="" type="radio"/> Guardian <input type="radio"/></div> </div> <div> <div>2.2.1</div> <div>Father's Name</div> <div>Mr. <input type="text"/></div> </div> <div> <div>2.2.2</div> <div>Mother's Name</div> <div>Mrs. <input type="text"/></div> </div> <div> <div>2.3</div> <div>Gender</div> <div>Male <input type="radio"/> Female <input type="radio"/> Others <input type="radio"/></div> </div> <div> <div>2.4</div> <div>Date of Birth</div> <div>dd-mm-yyyy <input type="button" value="v"/></div> </div> <div> <div>2.5</div> <div>Marital Status</div> <div>--Select-- <input type="button" value="v"/></div> </div> <div> <div>2.6</div> <div>Category</div> <div>--Select-- <input type="button" value="v"/></div> </div> <div> <div>2.7</div> <div>Handicapped</div> <div>No <input checked="" type="radio"/> Yes <input type="radio"/></div> </div> <div> <div>2.8</div> <div>Ex-Serviceman</div> <div>No <input checked="" type="radio"/> Yes <input type="radio"/></div> </div> <div> <div>2.9</div> <div>EW'S</div> <div>No <input checked="" type="radio"/> Yes <input type="radio"/></div> </div> <div> <div>2.10</div> <div>Religion</div> <div>--Select-- <input type="button" value="v"/></div> </div> </div> <div> <div>3. Contact Details</div> <div> <div>3.1</div> <div>Mobile Number</div> <div><input type="text"/></div> </div> <div> <div>3.2</div> <div>Email ID</div> <div><input type="text"/></div> </div> <div> <div>3.3</div> <div>Address Line 1</div> <div><input type="text"/></div> </div> <div> <div>3.4</div> <div>Address Line 2</div> <div><input type="text"/></div> </div> <div> <div>3.5</div> <div>City</div> <div><input type="text"/></div> </div> <div> <div>3.6</div> <div>State</div> <div>--Select-- <input type="button" value="v"/></div> </div> <div> <div>3.7</div> <div>Pin Code</div> <div><input type="text"/></div> </div> </div> <div> <div>4. Educational / Qualification Details</div> <div> <div>4.1</div> <div>Highest Educational Qualification</div> <div>--Select-- <input type="button" value="v"/></div> </div> <div> <div>4.2</div> <div>Year of Passing</div> <div><input type="text"/></div> </div> </div> <div> <div>5. Identification Details</div> <div> <div>5.1</div> <div>Aadhar Card Number</div> <div><input type="text"/></div> </div> <div> <div>5.2</div> <div>Upload Photo</div> <div> <input type="button" value="Choose File"/> No file chosen </div> </div> </div> <div> <div>Submit</div> <div>Back</div> </div>
LAB-15	A	<p>Embedding Media Content Using HTML5 Audio and Video Tags</p> <p>39. Design a web page using audio tag.</p> <div> <div>HTML Audio Element</div> <div> <div>▶</div> <div>0:00 / 6:04</div> <div><input type="range"/></div> <div>🔊</div> <div>⋮</div> </div> </div>

	A	<p>40. Design a web page using video tag.</p> <div><h3>HTML Video Element</h3></div>
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