



Subject Name: Web Programming

Subject Code: 3160713/ 3151606(OLD)/ 2160708(OLD)

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CHAPTER NO - 1 : Introduction to Web, Web Design		
TOPIC: Basics of WWW, HTTP protocol, Client Server architecture		
Sr. No	Short Questions(1 Mark) / MCQ / True-False/Fill in the blanks	Marks
1.	Justify it: "HTTP is called as stateless protocol". (May-2011 OLD)[LJIET]	01
2.	Specify port numbers for httpd and mysqld services. (Jan-2013 OLD)[LJIET]	01
3.	HTTP is _____ protocol. [LJIET] a) <b>application layer</b> b) transport layer c) network layer d) none of the mentioned	01
4.	HTTP client requests by establishing a _____ connection to a particular port on the server. [LJIET] a) user datagram protocol b) <b>transmission control protocol</b> c) broader gateway protocol d) none of the mentioned	01
5.	In FTP protocol, client contacts server using _____ as the transport protocol. [LJIET] a) transmission control protocol b) <b>user datagram protocol</b> c) datagram congestion control protocol d) stream control transmission protocol	01
6.	Which protocol is ideal for transmitting large files? [LJIET] A. HTTP B. <b>FTP</b> C. SMTP D. RTP	01
7.	Match each of the TCP/IP layers with the correct protocol. [LJIET] <b>Ans : a4, b3, c1, d2</b> a) Application Layer                      1) IP b) Transport Layer                        2) WiFi c) Network Layer                         3) TCP d) Physical Layer                         4) HTTP	01
8.	Write full form of HTTP. (May-2017 OLD)[LJIET]	01
Sr. No	Descriptive Questions	Marks
1.	Explain following terms: URI, Web browser, HTTP (May-2011 OLD)[LJIET]	03
2.	Explain the following HTTP command GET /index.html HTTP/1.0 (May-2012 OLD)[LJIET] <b>OR</b> If in the response to GET /index.html HTTP/1.0 returns HTTP/1.1 200 OK. What is the interpretation? What other error codes can be returned? (Dec-2013 OLD)[LJIET]	3/4
3.	What is the difference between GET and POST methods in form submitting? Give the cases where we can use GET and POST methods. (Dec-2013 OLD)(May-2016 OLD) (Dec-2021 OLD)[LJIET] <b>OR</b>	04,03



	Write the Difference between POST and GET methods. (Nov 2017 OLD)(Aug 2021 OLD) [LJIET] <b>OR</b> Differentiate between GET and POST methods. (May 2017 OLD)[LJIET] <b>OR</b> Differentiate GET and POST methods (Jan-2022 OLD, JAN 2023 OLD) [LJIET]	
4.	Differentiate following. (May 2018 OLD) [LJIET] (2). GET and POST	04
5.	Discuss GET and POST methods. (Sep 2021 OLD)[LJIET]	03
6.	Differentiate between GET and POST method (Dec 2021 New)[LJIET]	03
7.	What are the problems with FTP(file transfer protocol)?(Dec-2013 OLD)(Nov 2017 OLD) [LJIET]	04
8.	Explain how does the session run when a Telnet program try to connect to a Web server and ask for the initial page? (May-2014 OLD)[LJIET]	04
9.	Explain HTTP and FTP.(Oct 2016 OLD)[LJIET]	04
→10.	Draw and Explain Web Browser Architecture. (Nov 2018 OLD) [LJIET]	03
→11.	What is HTTP? How do browser and server communicate using HTTP request and response? Explain with example. (May-2011 OLD)(Oct-2016 OLD)(May 2018 OLD)(Aug 2021 OLD) (June 2022 NEW)[LJIET]	07
12.	What is HTTP? What are HTTP request and response? Give the limitations of HTTP. (May-2016 OLD)(May 2017 OLD)(May-2012 OLD)[LJIET]	07
13.	Explain HTTP, FTP.(Jan-2013 OLD)[LJIET]	07
14.	What is HTTP? How does it work? Give appropriate example. (May-2013 OLD)[LJIET]	07
15.	Write a note on secure connection over Internet. (June -2013 OLD),(May-2015 OLD) [LJIET]	07
16.	Explain HTTP request and response with POST, GET, PUT, DELETE, TRACE and OPTION. (May -2014 OLD)[LJIET]	07
17.	Explain HTTP Request and Response with header details. Also explain http status code. (Dec -2015 OLD)[LJIET] <b>OR</b> Elaborate HTTP Protocol Header, HTTP Request and HTTP Response. (Jan-2022 OLD) [LJIET] <b>OR</b> Elaborate HTTP Protocol Header, HTTP Request and HTTP. Response. (JAN 2023 OLD)[LJIET]	07
18.	Explain following protocols. (Any Two) 1. HTTPS 2. FTPS 3. IRC (May-2016 OLD)[LJIET]	07
19.	Explain HTTP Request and HTTP Response mechanism over the Internet. (June-2013 OLD)[LJIET]	07
20.	Write short note on secure communication over Internet. (May-2015 OLD)[LJIET]	07
21.	Show how HTTP request and responses are handled with respect to web server. (May-2016 OLD, Nov 2017 OLD)[LJIET]	07
22.	What do you mean by browser? Explain HTTP and FTP. (Dec 2014 OLD)(May-2017 OLD)[LJIET]	07
23.	Explain architecture of browser. (Nov 2017 OLD)[LJIET]	07
24.	What is HTTP? Explain HTTP Request and Response. (Dec-2019 OLD)[LJIET]	07
25.	Explain HTTP Request and HTTP Response mechanism over the Internet.(Dec-2021 OLD) [LJIET]	03
26.	What is HTTP? Explain HTTP Header with example.(Jan 2021 OLD)[LJIET]	07





27.	Give full form of following acronym. (Dec 2021 OLD)[LJIET] 1) HTTP	03
28.	Draw and explain architecture of web browser. (Jan 2021 OLD, Dec 2022 OLD)[LJIET]	04
29.	Discuss HTTP. Explain HTTP request and HTTP response mechanism over the Internet. (Sep 2021 OLD)[LJIET]	07
30.	Define term : WWW(Jan-2022 OLD, JAN 2023 OLD)[LJIET]	03
31.	Enlist the features of Web 2.0. (June 2022 OLD)[LJIET]	03
32.	Write a note on : HTTP. (June 2022 OLD)[LJIET]	04
33.	Give full name of following acronym. 1) WWW 2) CSS 3) AJAX (June 2022 NEW)[LJIET]	03
34.	What is HTTP? Explain how browser and server communicate using HTTP request and response. (June 2022 NEW)[LJIET]	07
35.	What is FTP? Demonstrate functionality of various FTP commands in brief. (Dec 2022 NEW)[LJIET]	04
<b>TOPIC: Introduction to web server installation and configuration</b>		
<b>Sr. No</b>	<b>Short Questions(1 Mark) / MCQ / True-False/Fill in the blanks</b>	<b>Marks</b>
1.	How can you open a link in a new browser window? (May-2011 OLD)[LJIET]	01
2.	What is a web browser?[LJIET] a) a program that can display a web page b) a program used to view html documents c) it enables user to access the resources of internet d) all of the mentioned	01
3.	Which of the following is used to read HTML Code and to render Webpage ?[LJIET] A Web Server B None of these C Web Browser D Web Matrix	01
4.	First web browser was created by _____. [LJIET] A Tim Berners-Lee B Marc Andreessen C Jacobs, Ian D Mozilla Foundation	01
<b>Sr. No</b>	<b>Descriptive Questions</b>	<b>Marks</b>
1.	How can a browser be stopped from caching a page? (May-2012 OLD)[LJIET]	02
2.	Explain the architecture of the browser. (May-2012 OLD)[LJIET]	03
3.	Draw and Explain Web Browser Architecture. (Nov 2018 OLD)[LJIET]	03
4.	Explain the need of web server and web browser. (Dec-2013 OLD)[LJIET]	03
5.	What is Web Browser? Draw the architecture of a browser and give the function of each component.(Oct 2016 OLD)[LJIET] function of each component	03
6.	What do you mean by browser? Explain HTTP and FTP(May 2019 OLD)[LJIET]	07
7.	What is the role of cache and cookies in the browser? (Dec-2013 OLD)[LJIET]	04
8.	Briefly explain following: 1) Web server 2) Blogs. (May 2019 OLD)[LJIET]	04



9.	Answer the following with respect to web design. 1. Browser compatibility issue and its possible solution. 2. What is navigation? Discuss the characteristics of effective navigation.(Nov -2011 OLD) [LJIET]	07
10.	Discuss the following with respect to Web Design. (May 2018 OLD)[LJIET] 1. Look and Feel 2. Effective Navigation 3. Browser and Operating system	07
11.	Explain the Architecture of Web Browser.(Jan 2021 OLD, JAN 2023 OLD)[LJIET]	04
12.	Explain features of Web 2.0 (Aug 2021 OLD)[LJIET]	04
13.	Define : 1) Internet 2) Web browser 3) Web Server (Aug 2021 OLD)[LJIET]	03
14.	Write a short note on web server. (Sep 2021 OLD)[LJIET]	03
15.	Discuss web security in brief. (Sep 2021 OLD)[LJIET]	03
16.	Give the full form of following acronyms.(Sep 2021 OLD)[LJIET] 1. DOM 2. FTP 3. HTML 4. URI 5. DHTML 6. ISP 7. TCP 8. PHP	04
17.	Give full form of following acronym. (1) DOM (2) XSL (3) DTD (4) HTTP (5) PHP (6)XML (Oct-2020 OLD)[LJIET]	03
18.	State full form of following acronym. (1) DOM (2) XSL (3) DTD (4) HTTP (5) PHP (6) XML (Dec 2022 NEW)[LJIET]	03
19.	Give full form of following acronym (i) XSLT (ii) PHP (iii) XML (Dec 2022 OLD)[LJIET]	03
<b>TOPIC: Concepts of effective web design, Web design issues including Browser, Bandwidth and Cache, Display resolution, Look and Feel of the Website, Page Layout and linking, User centric design</b>		
<b>Sr. No</b>	<b>Short Questions(1 Mark) / MCQ / True-False/Fill in the blanks</b>	<b>Marks</b>
1.	What is the difference between "Web development" and "Web design? [LJIET] <b>Answer:</b> Web development encompasses a whole set of processes, and one of those processes is Web design.	01
2.	How should a good design be? [LJIET]  <b>Answer:</b> A good design should be : 1) Understandable 2) Interesting 3) Easy to use 4) Uniform in look and feel 5) Done from a visitor's point of view: 6) WYSIWYW (What You See Is What You WANT)	01
3.	List Website Design Issues. [LJIET] <b>Answer:</b> Following are Website Design issues: Browser and Operating systems Bandwidth and Cache Display Resolution Look and Feel Page Layout and Linking Location Information Make Design User-Centric Sitemap	01





4.	Which of the following should not be present while designing page layout? [LJIET] 1) Balance Between Text and Graphics 2) Locate the items on page using Screen importance 3) Maintain Consistency among the Layout of the pages 4) <b>dancing or flashing images</b>	01
5.	What sort of page from the following can be termed as a good presentation?[LJIET] 1) Complex page with lots of images 2) Page overloaded with content 3) Lengthy page with lots of scrolling 4) <b>Page divided in visually different areas to present the contents with different importance.</b>	01
6.	Which of the following factors does not affect the readability?[LJIET] 1) Poor eyesight of users 2) Older computer monitor 3) Poor color perception of users 4) <b>Personal choice of users</b>	01
7.	What is navigation in designing a website? (May-2017 OLD)[LJIET]	01
sSr. No	<b>Descriptive Questions</b>	<b>Marks</b>
1.	Enlist and explain the website design principles. (Jan-2013 OLD)(Nov 2017 OLD) [LJIET] List and explain website design principles.(Oct-2020 OLD)[LJIET]	03,03
2.	Discuss how display resolution affects web site design. (Dec-2019 OLD)[LJIET]	03
3.	What role does the following parameter play in web site design issues? (May-2012 OLD)[LJIET] a. Bandwidth and cache b. sitemap <b>OR</b> Discuss the following with respect to Web design. (Nov 2017 OLD)[LJIET] 1. Bandwidth and cache 2. Look and Feel	04
4.	Discuss different design issues at the time of designing an effective website.(Dec-2013 OLD)(May-2017 OLD) [LJIET]	04
5.	Discuss the following with respect to Web design.(May -2013 OLD)[LJIET] 1. Effective navigation 2. Bowser Compatibility	07
6.	Enlist & Explain the website design principles (May 2019 OLD)[LJIET]	07
7.	Explain different website designing issues. (Dec-2014 OLD)[LJIET] <b>OR</b> Discuss different web site design issues in detail. (Dec-2014 OLD)[LJIET] <b>OR</b> Describe web design issues. How developer can design website effectively? (Oct-2016 OLD)[LJIET] <b>OR</b> Explain Web design issues. (Nov 2017 OLD)[LJIET] <b>OR</b> Describe the web design issues. (May 2019 OLD)[LJIET] <b>OR</b> Write various website design issues and explain it. (Dec 2021 OLD)[LJIET]	07
8.	Discuss how display resolution affects web site design.(Jan 2021 OLD)[LJIET]	03



9.	Explain any two website design issues. (Aug 2021 OLD)[LJIET]	03
10.	What is navigation? Discuss the characteristics of effective navigation. Also write code of html page to open a link in a new browser window. (Aug 2021 OLD, Dec 2021 New, Dec 2022 NEW) [LJIET]	07
11.	Explain different design issues at the time of designing an effective website. (Jan 2021 OLD)[LJIET]	04
12.	What is the role of Cache and Cookies in the browser? (Dec 2021 New)[LJIET]	03
13.	Briefly discuss : Website Design Principles. (June 2022 OLD)[LJIET]	07
14.	Explain different design issue at the time of designing an effective website. (June 2022 NEW)[LJIET]	04
15.	List and explain the website design principles. (Dec 2022 NEW)[LJIET]	03
<b>TOPIC: Sitemap, Planning and publishing website, Designing effective navigation</b>		
<b>Sr. No</b>	<b>Short questions(1 Mark) / MCQ / True-False/Fill in the blanks</b>	<b>Marks</b>
1.	Should Features and graphics be the first step of Website Planning?[LJIET] No features and graphics should not be your starting point—you should first list your goals and objectives for the site.	01
2.	What is strategic design?[LJIET] Strategic design is the fusion of your organizational goals with every aspect of your design process. You aren't simply designing a user interface that looks good and is usable and accessible. You're designing an interface that will help you accomplish your organization's objectives.	01
<b>Sr. No</b>	<b>Description Questions</b>	<b>Marks</b>
1.	What do you mean by planning a website? Discuss about the objectives and goals, and target audience in detail with proper example. (Nov -2011 OLD) [LJIET]	07
2.	Write the points those should be considered while planning a web site. (May-2014 OLD [LJIET]  OR Explain the points which should be considered for planning a website. (Dec-2014 OLD)(May 2018 OLD)(Nov 2018 OLD) [LJIET]  OR List and explain the different steps for planning a website. (Oct 2016 OLD)[LJIET]	04,07
3.	How do you identify the contents for your website? How do you organize them for easy and quick access? Discuss with some real example. (Nov -2011 OLD)[LJIET]	07
4.	What is navigation? Discuss the characteristics of effective navigation. Also write code of html page to open a link in a new browser window. (May-2016 OLD)[LJIET]	07
5.	What is Site map in website? What is its purpose? (Oct 2016 OLD)[LJIET]	07
6.	i) What is Site map in website? What is its purpose? (May 2018 OLD) [LJIET] ii) List and explain the different steps for planning a website.	07
7.	Create HTML Page for following features: 1.Create an unordered list 2.Create an ordered list 3.Use various bullet styles 4.Created nested lists 5.Use the font tag in conjunction with lists 6.Create definition lists 7.Use graphics as bullets (Jan 2021 OLD) [LJIET]	07





## CHAPTER NO - 2 : Basics of HTML and CSS

### TOPIC: Structure of HTML page, HTML tags for data formatting, links, images

Sr. No	Short Questions(1 Mark) / MCQ / True-False/Fill in the blanks	Marks
1.	HTML Stands for _____. [LJIET] A) Hyper Text Makeup Language B) <b>Hyper Text Markup Language</b> C) None of these D) Hyper Tech Markup Language	01
2.	A webpage displays a picture. What tag was used to display that picture? [LJIET] a. picture b. image c. <b>img</b> d. src	01
3.	<b> tag makes the enclosed text bold. What is other tag to make text bold? [LJIET] a. <b>&lt;strong&gt;</b> b. <dar> c. <black> d. <emp>	01
4.	Tags and test that are not directly displayed on the page are written in _____ section. [LJIET] a. <html> b. <b>&lt;head&gt;</b> c. <title> d. <body>	01
5.	Which of the following tag is used to mark a begining of paragraph ? [LJIET] A. <TD> B.   C. <b>&lt;P&gt;</b> D. <TR>	01
6.	Correct HTML tag for the largest heading is [LJIET] A. <head> B. <h6> C. <heading> D. <b>&lt;h1&gt;</b>	01
7.	Markup tags tell the web browser [LJIET] A. How to organise the page B. <b>How to display the page</b> C. How to display message box on page D. None of these	01
8.	What are Empty elements and is it valid? [LJIET] A. No, there is no such terms as Empty Element B. <b>Empty elements are element with no data</b> C. No, it is not valid to use Empty Element D. None of these	01
9.	Which of the following attributes of text box control allow to limit the maximum character? [LJIET] A. size B. len C. <b>maxlength</b>	01



	D. all of these	
10.	What is the correct HTML for making a hyperlink? [LJIET] a. <a href="http:// mcqsets.com">ICT Trends Quiz</a> b. <a name="http://mcqsets.com">ICT Trends Quiz</a> c. <http://mcqsets.com</a> d. url="http://mcqsets.com">ICT Trends Quiz	01
11.	What is the correct HTML tag for inserting a line break? [LJIET] a.   b. <lb> c. <break> d. <newline>	01
12.	How can we resize the image? [LJIET] a. Using resize attribute b. Using height and width c. Using size attribute d. Using rs attribute	01
13.	Is width="100px" and width="100%" the same? [LJIET] a. No b. Yes	01
14.	Which tags are most commonly used by search engines? [LJIET] a. Heading b. Title c. Paragraph d. All of above	01
15.	bgcolor is an attribute of body tag. [LJIET] a. True b. False	01
16.	Which attribute is used to name an element uniquely? [LJIET] a. class b. name c. id d. all of the above	01
17.	Marquee is a tag in HTML to _____. [LJIET] a. Mark the text so that it is hidden in browser b. Display text with scrolling effect c. mark the list of items to maintain inqueue d. none of these	01
18.	The HTML tags are enclosed in _____. [LJIET] a. < and > b. ( and ) c. { and } d. None of these	01
19.	How can you open a link in a new browser window? (May-2011 OLD)[LJIET]	01
20.	Which attribute is used to create horizontal frames? [LJIET] a. cols b. horizontal c. rows d. vertical	01
21.	Is there any way to keep list elements straight in an html file? [LJIET]	01





	<b>Answer:</b> By using indents, you can keep the list elements straight. If you indent each subnested list in further than the parent list that contains it, you can at a glance determine the various lists and the elements that it contains.	
22.	How can you make a bulleted list? [LJIET] a. <list> b. <nl> c. <ul> d. <ol>	01
23.	How can you make a numbered list? [LJIET] a. <dl> b. <ol> c. <list> d. <ul>	01
24.	What tag is used to list individual items of an ordered list? [LJIET] a. LI b. OL c. UL d. None of above	01
25.	To start a numbered list with regular numerals use [LJIET] a.<ol type="a"> b.<ol type="1"> c.<ol type="I"> d. None of the above	01
26.	Write a correct HTML tag for making hyperlink. (May-2017 OLD)[LJIET]	01
<b>Sr. No</b>	<b>Descriptive Questions</b>	<b>Marks</b>
1.	How Divide and Pound symbol can be put on HTML document? (May-2012 OLD)[LJIET]	02
2.	List different types of input elements in HTML. Explain any two with example. (Dec -2013 OLD) [LJIET]	03
3.	Explain following terms with example. (May-2011 OLD)[LJIET] 1)<optgroup> 2) <span>	04
4.	Explain following HTML tags with example (i) <select> (ii) <pre>. (Dec-2019 OLD) [LJIET]	04
5.	Write a HTML snippet to show each letter of a word RAINBOW with new color, giving a rainbow effect. (Dec-2021 New) [LJIET]	04
6.	Describe the structure of a HTML document. What is the difference between tag and attribute? Explain with an example. (Nov-2011 OLD)[LJIET]	07
7.	Explain with example: Structure of HTML page. (Oct 2016 OLD)[LJIET]	07
8.	Explain following HTML tags with their important attributes. (June-2013 OLD)(Nov 2017 OLD) [LJIET] i. <form> ii. <frameset> and <frame> iii. <img>	07
9.	List and explain various list tags in HTML with examples (Dec 2021 New)[LJIET]	04
10.	Explain any seven HTML Tag with example. (May-2014 OLD)(May-2016 OLD) [LJIET]	07
11.	Explain with example: <font> tag with its important attributes. (Oct 2016 OLD)[LJIET]	07
12.	Explain following HTML tags with example and important attributes. (Dec -2014 OLD)[LJIET] 1. <meta> 2. <a> 3. <form>	07



	4. <img>	
13.	Explain the following tags with example. (May 2019 OLD)[LJIET] 1) <ul> 2) <ol> 3) <rowspan> 4) <colspan> 5) <a href>	07
14.	Explain Following tags in HTML: Frame, Frameset, Table, Form. (Dec-2015 OLD)[LJIET]	07
15.	Explain following html tags with proper example. (Any Three) 1. <input> 2. <span> 3. <ul> 4. <frameset> (May-2016 OLD)[LJIET]	07
16.	Give examples of following HTML tags (Oct 2016 OLD)[LJIET] i. <a> ii. <img>	07
17.	Explain following html tags with proper example. (Any Three) 1. <input> 2. <span> 3. <form> 4. <frameset> (Aug 2021 OLD)[LJIET]	03
18.	What is HTTP? How do browser and server communicate using HTTP request and response? (Jan 2021 OLD)[LJIET]	03
19.	List out any four HTML Tag and describe their functionality. (Jan-2022 OLD)[LJIET]	04
20.	Explain Ordered list with example. (Nov 2018 OLD)[LJIET]	03
21.	Explain the following HTML tags. (May-2012 OLD)[LJIET] a. <dl> </dl> b. <input type="file"/>	04
22.	List and explain various list tags in HTML with example. (May 2019 OLD)[LJIET]	04
23.	How to display ordered list and unordered list using HTML? Give Example. (Dec-2019 OLD)(Dec 2021 OLD)[LJIET]	04
24.	How many types of list are supported by HTML? Explain each one in brief.(Nov-2011 OLD, Sep 2021 OLD)[LJIET]  OR What is HTML? Explain lists tag with Example. (Jan -2013 OLD)[LJIET]	07
25.	Explain ordered and unordered list with example. (Dec-2014 OLD) (Dec-2015 OLD)(May-2017 OLD)(May-2017 OLD)(May-2018 OLD)(May 2019 OLD)(Jan 2021 OLD) (JAN 2023 OLD) (Aug 2021 OLD) [LJIET] OR Explain ordered list and unordered list with example. (Oct 2016 OLD)[LJET] OR Write HTML program to illustrate the use of ordered and unordered list. (Oct 2016 OLD)[LJET]	07/03/04
26.	Explain the following with example (May-2014 OLD) [LJIET] (i) Unordered lists (ii) Ordered lists (iii) Nested lists (iv) Definition lists	07
27.	Explain ordered list and unordered list in HTML with example. (May 2018 OLD) (June 2022 NEW) [LJIET]	07/03
28.	Explain following html tags with proper example. 1. <img> 2. <frameset> (June 2022 NEW)[LJIET]	04
29.	Define Frameset, Frame Tag. Divide the web page into four equal parts each individual part displays different web page. (JAN 2023 OLD)[LJIET]	07





	TOPIC: HTML tables															
Sr. No	Short Questions (1 Mark) / MCQ / True-False/Fill in the blanks	Marks														
1.	Which attribute you'll use with TD tag to merge two cells horizontally? [LJIET] a. merge=colspan2 b. rowspan=2 c. colspan=2 d. merge=row2	01														
2.	Which tag allows you to add a row in a table? [LJIET] a. <td> and </td> b. <cr> and </cr> c. <th> and </th> d. <tr> and </tr>	01														
3.	Which of the following is an attribute of <Table> tag? [LJIET] a. SRC b. LINK c. CELLPADDING d. BOLD	01														
4.	Which tag can add colspan=n? [LJIET] a. <tr> b. <td> c. <table> d. <th>	01														
5.	Which property tells how many rows a cell should span? [LJIET] a) colspan=n b) Both rowspan=n and colspan=n c) rowspan=n	01														
Sr. No	Descriptive Questions	Marks														
1.	Write HTML tags to generate the following output. (May-2012 OLD)[LJIET] <table><tr><th>Position</th><th>Name</th><th>City</th></tr><tr><td>Sales</td><td>I. Hawthorn Shield</td><td>A. UK</td></tr><tr><td>Manager</td><td>II. Green Shield</td><td>B. Netherland</td></tr></table>	Position	Name	City	Sales	I. Hawthorn Shield	A. UK	Manager	II. Green Shield	B. Netherland	03					
Position	Name	City														
Sales	I. Hawthorn Shield	A. UK														
Manager	II. Green Shield	B. Netherland														
2.	Write HTML code to display following irregular table.(Dec-2013 OLD)[LJIET] <table><tr><td rowspan="3">A</td><td>B</td><td rowspan="3">D</td><td colspan="2">E</td><td>F</td></tr><tr><td>C</td><td>G</td><td>H</td><td>I</td></tr><tr><td>J</td><td>L</td><td colspan="2">M</td></tr></table>	A	B	D	E		F	C	G	H	I	J	L	M		04
A	B		D		E		F									
	C				G	H	I									
	J	L		M												



3.	Write HTML code to display following irregular table (May 2019 OLD)[LJIET]	04																							
	<table><tr><td rowspan="4">A</td><td>B</td><td colspan="2">C</td><td>D</td><td colspan="2">E</td></tr><tr><td>F</td><td>G</td><td rowspan="3">H</td><td>I</td><td colspan="2"></td></tr><tr><td>J</td><td>K</td><td>L</td><td>M</td><td>N</td></tr><tr><td>O</td><td>P</td><td colspan="3">Q</td></tr></table>	A	B	C		D	E		F	G	H	I			J	K	L	M	N	O	P	Q			
A	B		C		D	E																			
	F		G	H	I																				
	J		K		L	M	N																		
	O	P	Q																						
4.	What is HTML table? Explain table element with necessary attributes. Give the code to print following table.(May-2011 OLD)[LJIET]	07																							
	<table><tr><td colspan="3"></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr></table>																								
5.	Explain the use of HTML table element for designing the web page layouts with appropriate examples. (May-2012 OLD)[LJIET]	07																							
6.	Write HTML code for creating following table. (May 2018 OLD) [LJIET]	07																							
	<table><tr><td colspan="2">January</td><td>Febuary</td></tr><tr><td>March</td><td>1</td><td>2</td></tr><tr><td></td><td>3</td><td>4</td></tr></table>	January		Febuary	March	1	2		3	4															
January		Febuary																							
March	1	2																							
	3	4																							
7.	Show the use of the HTML table tag to design the tables with different requirement with example. (May-2013 OLD)[LJIET]	07																							
8.	What is HTML table? Explain table element <td>, <tr>, <rowspan> and <colspan> with necessary attributes. (May 2018 OLD) [LJIET]	07																							
9.	Which HTML tags should be used to get following output?	07																							
	<table><tr><td rowspan="4"></td><td colspan="3">Time Table</td></tr><tr><td>SEMESTER II</td><td>SEMESTER IV</td><td>SEMESTER VI</td></tr><tr><td>Monday</td><td>Computer programming</td><td>Microprocessor</td><td>Computer Graphics</td></tr><tr><td>Tuesday</td><td>Computer programming</td><td>UML</td><td>Security</td></tr></table> <p>What is the use of Border,width and Cellpadding attributes used in the table? (Dec-2013 OLD) [LJIET]</p>		Time Table			SEMESTER II	SEMESTER IV	SEMESTER VI	Monday	Computer programming	Microprocessor	Computer Graphics	Tuesday	Computer programming	UML	Security									
	Time Table																								
	SEMESTER II		SEMESTER IV	SEMESTER VI																					
	Monday		Computer programming	Microprocessor	Computer Graphics																				
	Tuesday	Computer programming	UML	Security																					
10.	Explain the concept of irregularly shaped tables. Write the HTML snippet to get the following output and properly defined headers. (May-2014 OLD)[LJIET]	07																							
	<table><tr><td rowspan="4"></td><td colspan="3">Exam Time table</td></tr><tr><td>Green Park</td><td>Oxford circus</td><td>Euston</td></tr><tr><td>12/10/2012</td><td>WT</td><td>TOC</td><td>CG</td></tr><tr><td>13/10/2012</td><td>TOC</td><td>CG</td><td>WT</td></tr></table>		Exam Time table			Green Park	Oxford circus	Euston	12/10/2012	WT	TOC	CG	13/10/2012	TOC	CG	WT									
	Exam Time table																								
	Green Park		Oxford circus	Euston																					
	12/10/2012		WT	TOC	CG																				
	13/10/2012	TOC	CG	WT																					
11.	List Five Tags in HTML. Write code to display following table. (May-2015 OLD)[LJIET]	07																							





A			
B	C		D
	E	F	G
H	I	J	

12. What is HTML table? Explain table element rowspan and colspan with necessary attribute. Write HTML code to print following table. (May-2017 OLD)[LJIET]

07

	average		other category
	height	weight	
males	1.9	0.003	yyy
females	1.7	0.002	xxx

13. Explain any three attributes of Table Tag in HTML. Write code to display following table. (Nov 2017 OLD)[LJIET]

07

India			
Australia	USA		Spain
	Switzerland	Italy	Japan
China	Myanmar	South Korea	

14. Write HTML program to print following table. (Oct 2016 OLD)[LJIET]

07

11	12	13	
14	15	16	17
	18	19	20

15. What is HTML table? Explain table element with necessary attributes. Write HTML code to print following table. (Nov 2017 OLD)[LJIET]

07

One		Two
Three	Four	Six
	Five	
Seven	Eight	

16. Write a function that generates a web page containing a table with 3 columns and 500 rows. Label each location in the table with row and column location. (Jan 2021 OLD)[LJIET]

03

17. What is HTML table? Explain table element with necessary attributes. Give the code to print following table.

07

Date	Exam Time table		
	CE/IT	EC	EE
30/11/2018	WT	VLSI	HVE
04/12/2018	CG	OC	ED/CAD

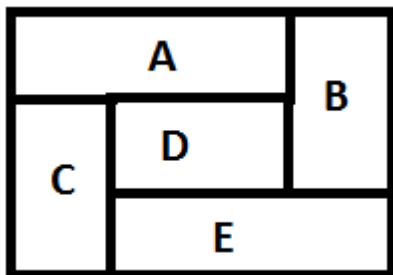
(Aug 2021 OLD)[LJIET]

18. Explain the use of HTML table element for designing the web page layouts with appropriate examples. (Sep 2021 OLD)[LJIET]

07

19. Explain any three attributes of <Table> Tag in HTML. Write code to display following table. (Oct-2020 OLD)[LJIET]

07



20. What is HTML table? Explain table element tr, td, th, rowspan and colspan. Write HTML code to print following time table. What is the difference between GET (Dec 2021 New)[LJIET]

Day	Lecture Timings		
	10:30am-11:30am	11:30am-12:30am	1:00am-2:00am
Monday	DS	SE	WP
Tuesday	OS	CN	ML
Wednesday	DS	WP	CN
Thursday	OS	SE	ML
Friday	Test day		

21. Explain cellpadding, cellspacing and colspan attributes with suitable example. (June 2022 OLD)[LJIET]

22. What is rowspan and colspan used in HTML? Give examples. (June 2022 NEW)[LJIET]

### TOPIC: Html form tags

Sr. No	Descriptive Question	Marks
1.	Write the HTML snippet to show each letter of a word with new color, giving a rainbow effect.(May-2014 OLD)[LJIET]	03
2.	What is an HTML form? Discuss the different form attributes and design a simple form to register for new semester. (Nov-2011 OLD) (Dec-2015 OLD) [LJIET]	07
3.	Write a form to collect details of a user such as name, address, radio button to choose subject of book he wants to buy, Dropdown to choose favorite author, comments for the last book he read. What is the use of <fieldset>? (Dec-2013 OLD) [LJIET]	07
4.	What is a HTML form? Explain radio button and Checkbox element with example. (May 2019 OLD)[LJIET]	07
5.	What is HTML form? Design a simple HTML form for registration of a student (Dec-2014 OLD)(May 2018 OLD) [LJIET]	07
6.	What is an HTML form? Discuss the different form attributes and design a simple form to register for new user including user_name, password, email, mobile number, gender and hobbies. (May-2017 OLD) [LJIET]	07
7.	What is HTML Form? What is its purpose? Explain the “action” and “method” attributes of form? (Oct 2016 OLD)[LJIET]	07
8.	Write a form to collect details of a user such as name, address, radio button to choose subject of book he wants to buy, Dropdown to choose favorite author and comments for the last book he read. (Nov 2018 OLD) [LJIET]	07
9.	Design Login Page HTML. Page must have fields in page Username, Password, Remember Me and Login Button. (Nov 2018 OLD)[LJIET]	07
10.	Design Registration page in HTML.(Nov 2018 OLD)[LJIET]	07
11.	What is HTML form? Design a simple HTML form for registration of a Patient for Hospital Management System. (Nov 2018 OLD) [LJIET]	07





12.	Create HTML Form for BE 1 <sup>st</sup> Year Student registration which includes all personal details. (Jan 2022 OLD) [LJIET]	07
13.	What is HTML form tag? Discuss the different form attributes and design a simple form to register student including name, roll no., semester, email, mobile number, gender, hobbies, and feedback, and also create two buttons submit and reset. (Dec 2021 New) [LJIET]	07
14.	Write a HTML code to design Registration form to collect details of a user such as first name, last name, address, gender, hobby, date of birth (use appropriate input controls) (Dec 2021 OLD)[LJIET]	07
15.	Create an HTML form to submit student data for Admission. Upload pdf copy of mark sheet, passport size photo and address proof. (June 2022 NEW)[LJIET]	07
16.	Write an HTML code to take birth date between 01-01-2020 to 31-12-2020. (June 2022 NEW)[LJIET]	03
17.	Explain <Form> in HTML with suitable example. (June 2022 OLD)[LJIET]	07
18.	Create a HTML form that can accept personal details for Aadhar Enrolment from the user. (June 2022 OLD)[LJIET]	07
<b>TOPIC: HTML frames</b>		
Sr. No	Short Questions(1 Mark) / MCQ / True-False/Fill in the blanks	Marks
1.	Which of the following is not a standard use of frames? [LJIET] A) For form verification. B) For common content. C) <b>For HTML content containing very few hyperlinks.</b> D) For including a table of contents.	01
2.	Which of the following statements is true? [LJIET] A) HTML documents involving frames should contain both the BODY and FRAMESET tag. B) FRAME can be used in place of FRAMESET. C) HTML documents involving frames should contain only the BODY tag. D) <b>HTML documents involving frames should contain the FRAME-SET tag and not the BODY tag.</b>	01
3.	Which of the following is legal HTML syntax? [LJIET] A) <b>&lt;FRAMESET COLS= "50%, 50%"&gt;</b> B) <FRAMESET ROW= "50%, 50%"> C) <FRAMESET COLUMNS= "50, 50"> D) <FRAME COLS= "50%, 50%">	01
4.	Which of the following statements is true? [LJIET] A) The NOFRAMES tag is used by people who don't want frames to be displayed. B) <b>The NOFRAMES tag is used to include a message for people whose browser is not capable of displaying frames.</b> C) Microsoft developed frames. D) You can use both the ROWS and COLUMNS attributes of the FRAME tag together.	01
5.	Which piece of code could be used to divide the screen into four parts of equal area? [LJIET] A) <FRAMESET COLS= "50%, 50%" ROWS = "40%, 60%"> B) <FRAMESET COLS= "60%, 40%" ROWS = "40%, 60%"> C) <b>&lt;FRAMESET COLS= "1*, 1*, 1*, 1*"&gt;</b> D) <FRAMESET ROWS = "1*, 2*, 2*, 1*">	01



6.	Which of the following best indicates the standard attributes specified when defining a FRAME? [LJIET] A) SRC and NAME B) SRC, NAME, and ROW C) NAME and FRAMESET D) BODY, SRC, and TITLE	01
7.	How are frames loaded into the browser window? [LJIET] A) Top-to-bottom, right-to-left B) Top-to-bottom, left-to-right C) Bottom-to-top, left-to-right D) Bottom-to-top, right-to-left	01
<b>Sr. No</b>	<b>Descriptive Questions</b>	<b>Marks</b>
1.	How an inline frame be embedded on a page with graphics and text? (Dec-2013 OLD)[LJIET]	03
2.	What are frames? List out its advantages and disadvantages. (Dec-2013 OLD) (May 2019 OLD)(Dec 2021 OLD) [LJIET]	03,04
3.	Explain the concept of frames in HTML. (Oct 2016 OLD)[LJIET]	07
4.	What is frame set? Explain the use of frame set in web site design with proper example. (May-2011 OLD)[LJIET]	07
5.	What is frameset? Explain the use of frameset in web site design with proper example. (May -2015 OLD)[LJIET]	07
6.	What is frameset? Explain the use of frameset in web site design with proper example. (Sep 2021 OLD)[LJIET]	07
7.	Explain with example frames in HTML. (Jan 2021 OLD, Dec 2022 NEW)[LJIET]	04
8.	Explain Frames in HTML with its advantages and disadvantages. (Dec 2022 OLD)[LJIET]	04
<b>TOPIC: HTML Meta Tags</b>		
<b>Sr. No</b>	<b>Short Questions(1 Mark) / MCQ / True-False/Fill in the blanks</b>	<b>Marks</b>
1.	Which of the following tag defines metadata of an HTML element? [LJIET] a. <meta> b. <menu> c. <map> d. <output>	01
2.	List the attributes of meta tag. [LJIET] Answer: The attributes are 1) charset 2) content 3) http-equiv 4) name 5) scheme	01
<b>Sr. No</b>	<b>Descriptive Questions</b>	<b>Marks</b>
1.	What is the meaning of the following? (Dec-2013 OLD)(Nov 2017 OLD) [LJIET] a. <meta name="robots" content="noindex,nofollow"/> b. <meta http-equiv="pragma", content="no-cache"/>	03
2.	Explain Meta Tag. (Nov 2018 OLD) [LJIET]	03
3.	What is meta tag? How it is useful by search engine? (Dec-2013 OLD) (May 2019 OLD) (JAN 2023 OLD) [LJIET]	03
4.	Explain Meta Tag (Nov 2018 OLD) [LJIET]	03
5.	Write a short note on Meta tags in HTML. (Oct 2016 OLD)[LJIET]	07
6.	What is Metadata? Explain with example how Metadata is included in a document? Also show how can following be achieved with the help of Metadata? (May 2018 OLD)(Oct-2020 OLD)(Dec 2022 OLD)[LJIET] (i) Stop the page from being listed. (ii) Set an expiration date (iii) Stop the browser from caching a page. (iv) Give a context for date so that it can take format DD-MM-YYYY	07





7.	<p>What do you mean by meta tags? What are their purposes? Explain the different meta tags. (May-2011 OLD)[LJIET]</p> <p style="text-align: center;"><b>OR</b></p> <p>What do you mean by meta tags? What is its use? Describe with example. (May-2012 OLD)(May-2016 OLD)(May-2017 OLD)[LJIET]</p> <p style="text-align: center;"><b>OR</b></p> <p>What do you mean by meta tags? Show their meaning and use with example. (May-2013 OLD)(Nov 2017 OLD)[LJIET]</p> <p style="text-align: center;"><b>OR</b></p> <p>What do you mean by meta tag? Explain different meta tags. (May -2015 OLD)[LJIET]</p> <p style="text-align: center;"><b>OR</b></p> <p>What is meta tags? What are their purposes? Explain different meta tags in HTML with example. (Nov 2017 OLD)[LJIET]</p> <p style="text-align: center;"><b>OR</b></p> <p>What do you understand by Meta tag? Explain its uses with example. (Oct 2016 OLD, May 2019 OLD)[LJIET]</p>	07
8.	<p>What is Metadata? Where it is included in HTML and XHTML? Explain with example how Metadata is included in a document?</p> <p>Also show how can following be achieved with the help of Metadata? (May-2014 OLD) [LJIET]</p> <ul style="list-style-type: none"> <li>(i) Stop the page from being listed.</li> <li>(ii) Set an expiration date</li> <li>(iii) Stop the browser from caching a page.</li> <li>(iv) Give a context for date so that it can take format MM-DD-YYYY and DD-MM-YYYY</li> </ul>	07
9.	What is meta tag? How it is useful by search engine? (Dec 2021 New)[LJIET]	03
10.	<p>What do you mean by meta tags? Show how can following be achieved with the help of metadata? (Dec 2021 New)[LJIET]</p> <ul style="list-style-type: none"> <li>a) Stop the page from being listed</li> <li>b) Set an expiration date</li> <li>c) Stop the browser from caching a page</li> </ul>	04
11.	Explain Meta tag in HTML with examples like refresh, search web page etc. (May-2014 OLD) [LJIET]	07
12.	What do you mean by Metatag? Explain its use with example. (Dec-2014 OLD)(Oct-2016 OLD) [LJIET]	07
13.	What is metatag? Explain it with example (Oct-2016 OLD) [LJIET]	07
14.	What do you mean by Meta Tags? List and Explain any three meta tags with example. (Dec-2019 OLD)[LJIET]	07
15.	Explain Meta Tag with example (Jan-2021 OLD)[LJIET]	03
16.	What do you mean by meta tags? Show their meaning and use with example. (Jan 2021 OLD)[LJIET]	03
17.	What is meta tag? How it is useful by search engine? (Sep 2021 OLD)[LJIET]	03
18.	Define term: SEO (Jan-2022 OLD, JAN 2023 OLD)[LJIET]	03
19.	Discuss SEO (Sep 2021 OLD)[LJIET]	03
20.	What is Meta Tag in HTML? Write HTML meta tags code to solve	03



→	following. 1) To make your webpage Responsive. 2) Refresh document every 40seconds. 3) Set an expiration date Stop the page from being listed. (June 2022 NEW)[LJIET]	
→ 21.	Explain meta tag? How it is useful by search engine? (Dec 2022 NEW)[LJIET]	04
<b>TOPIC: media, APIs, HTML5 tags and validation</b>		
<b>Sr. No</b>	<b>Descriptive Questions</b>	<b>Marks</b>
1.	Explain HTML media tags. (June 2022 NEW)[LJIET]	03
<b>TOPIC: Need for CSS, Syntax and structure</b>		
<b>Sr. No</b>	<b>Short Questions(1 Mark) / MCQ / True-False/Fill in the blanks</b>	<b>Marks</b>
1.	The different ways to associate styles with a HTML document is/are [LJIET]  A) Embedded CSS with <style> element  B) Inline CSS with style attribute.  C) External CSS with <link> element.  <b>D) All of the above</b>	01
2.	What is the correct HTML for referring to an external style sheet? [LJIET] A. <stylesheet>mystyle.css</stylesheet /> B. <style src="mystyle.css" /> C. <link rel="stylesheet" type="text/css" href="mystyle.css"> D. None of the above	01
3.	Which HTML tag is used to define an internal style sheet? (May-2017 OLD)[LJIET]	01
<b>Sr. No</b>	<b>Descriptive Questions</b>	<b>Marks</b>
1.	What is Cascading Style Sheet? Compare inline, embedded and external style sheet with example.(Dec -2013 OLD, May 2019 OLD, Dec 2022 OLD, JAN 2023 OLD) [LJIET]	03, 04
2.	What is external style sheet? Give example. Give advantages of external style sheet. (Dec-2019 OLD)[LJIET]	04
→ 3.	What is CSS? What is the importance of CSS? List out the different ways to write CSS. (Dec 2021 New)[LJIET]	03
4.	Explain CSS with all types. Explain BOX MODEL. (May -2011 OLD) [LJIET] <b>OR</b> What is cascading style sheet? Write short note on (Nov -2011 OLD)(May-2017 OLD) [LJIET] (i) Inline style sheet (ii) External style sheet. <b>OR</b> What is CSS? Explain different ways to write the CSS and show the importance of "id" and "class" in CSS. (Nov -2011 OLD) [LJIET] <b>OR</b>	07,04





	<p>What is CSS? Explain Internal, External style sheet. (Jan-2013 OLD) [LJIET]</p> <p><b>OR</b></p> <p>What is style sheet? Explain various ways to write style rules in CSS with example. (June-2013 OLD)[LJIET]</p> <p><b>OR</b></p> <p>What is Cascading Style Sheet (CSS)? Explain different types of CSS with example. (Dec-2014 OLD) [ LJIET]</p> <p><b>OR</b></p> <p>Explain CSS and its types with example. (May-2014 OLD)[LJIET]</p> <p><b>OR</b></p> <p>Explain CSS and its type with example. (May-2015 OLD)[LJIET]</p> <p><b>OR</b></p> <p>What is CSS? Explain the different types of CSS. (Dec-2014 OLD)(Dec-2015 OLD)(May-2017 OLD, Nov 2017 OLD, Oct 2016 OLD, Aug 2021 OLD, May 2018 OLD, May 2019 OLD, June 2022 NEW) [LJIET]</p> <p><b>OR</b></p> <p>Explain different ways to write the CSS with example. (May-2016 OLD, Jan 2021 OLD, Dec 2022 NEW)[LJIET]</p> <p><b>OR</b></p> <p>What is CSS? Explain different types of CSS. (Oct 2020 OLD)[LJIET]</p>	
5.	Explain CSS and its type with example. (Nov 2018 OLD) [LJIET]	07
6.	How to use the same style sheets for different web pages. (May-2016 OLD)[LJIET]	07
7.	Explain how to use the same style sheets for different web pages. (May-2017 OLD)[LJIET]	03
8.	What is style sheet? Explain its syntax. (Oct 2016 OLD)[LJIET]	07
9.	Write a note on external CSS. (Oct 2016 OLD)[LJIET]	07
10.	Enlist advantages of CSS. (Oct 2016 OLD)[LJIET]	07
11.	List and Explain types of CSS with Example (Nov 2018 OLD)(Dec 2021 OLD)[ LJIET]	07
12.	What is the CSS? Write the use of CSS in website design. (Dec 2021 OLD)[LJIET]	03
13.	What is Cascading Style Sheet (CSS)? Explain different types of CSS with example. (Sep 2021 OLD)[LJIET]	07
14.	Write full form of CSS. Describe types and advantages of CSS. (Jan-2022 OLD)[LJIET]	04
15.	Explain types of CSS with suitable example. (June 2022 OLD)[LJIET]	07
	<b>TOPIC: CSS rules for Backgrounds, Colors and properties, borders and boxes, Margins, Padding Lists, CSS Positioning.</b>	
<b>Sr. No</b>	<b>Short Questions(1 Mark) / MCQ / True-False/Fill in the blanks</b>	<b>Marks</b>
1.	<p>Which of the following selector selects all paragraph elements with a lang attribute? [LJIET]</p> <p>A - p[lang]</p>	01



	<p>B - p[lang="fr"]</p> <p>C - p[lang~="fr"]</p> <p>D - p[lang ="fr"]</p>	
2.	<p>Which of the following defines a measurement in picas? [LJIET]</p> <p>A - in</p> <p>B - mm</p> <p><b>C - pc</b></p> <p>D - pt</p>	01
3.	<p>Which of the following property is used to control the position of an image in the background? [LJIET]</p> <p>A - background-color</p> <p>B - background-image</p> <p>C - background-repeat</p> <p><b>D - background-position</b></p>	01
4.	<p>Which of the following property of a anchor element signifies visited hyperlinks? [LJIET]</p> <p>A - :link</p> <p><b>B - :visited</b></p> <p>C - :hover</p> <p>D - :active</p>	01
5.	<p>Which of the following property specifies the color of a border? [LJIET]</p> <p><b>A - :border-color</b></p> <p>B - :border-style</p> <p>C - :border-width</p> <p>D - :border-bottom-color</p>	01
6.	<p>Which of the following property changes the width of top border? [LJIET]</p> <p>A - :border-bottom-width</p> <p><b>B - :border-top-width</b></p> <p>C - :border-left-width</p> <p>D - :border-right-width</p>	01



7.	Which of the following property specifies an image for the marker rather than a bullet point or number? [LJIET]  A - list-style-type  B - list-style-position  <b>C - list-style-image</b>  D - list-style	01
8.	Which of the following value of cursor shows it as crosshair or plus sign? [LJIET]  <b>A - crosshair</b>  B - default  C - pointer  D – move	01
9.	Which of the following are the background properties in CSS? [LJIET]  i) background-color ii) background-image iii) background-repeat  iv) background-position v) background  A) i, ii, iii and iv only  B) i, ii, iii and v only  C) i, ii, iv and v only  <b>D) All i, ii, iii, iv and v</b>	01
10.	Which of the following is correct CSS syntax for using font property? [LJIET]  A) <p style="font: italic, bold, 15px;"> ..... </p>  B) <p style="font-style: italic font-weight: bold font-size: 15px;"> ..... </p>  <b>C) &lt;p style="font: italic bold 15px;"&gt; ..... &lt;/p&gt;</b>  D) None of the above	01
11.	The ..... property indicates whether a cell without any content should have a border displayed. [LJIET]  A) blank-cells  <b>B) empty-cells</b>  C) nocontent-cells  D) noborder-cells	01





12.	The ..... specifies whether a border should be solid, dashed line, dotted line, double line, groove etc. [LJIET]  A) border-layout  B) border-decoration  <b>C) border-style</b>  D) border-weight	01
13.	What does CSS stand for? [LJIET] A. Creative Style Sheets B. Colorful Style Sheets <b>C. Cascading Style Sheets</b> D. Computer Style Sheets	01
14.	The _____ selector is used to specify a style for a single, unique element [LJIET] <b>A. Id</b> B. class C. text D. Bit	01
15.	ID name should not start with a number [LJIET] A. False <b>B. True</b>	01
16.	To select elements with a specific class, which character is followed by the name of the class? [LJIET] A) # <b>B) .</b> C) & D) *	01
17.	What is the correct HTML for adding a background color? (May-2017 OLD)[LJIET] a). <body color="yellow"> b). <body bgcolor="yellow"> c). <background>yellow</background> d). <body background="yellow">	01
18.	Which CSS property is used to change the text color of an element? (May-2017 OLD)[LJIET]	01
<b>Sr. No</b>	<b>Descriptive Questions</b>	<b>Marks</b>
1.	How can you do following with cascading style sheet? (May-2014 OLD) [LJIET] a. Text Decoration b. Text Indentation	03
2.	Write cascading style sheet to get following formatting for the paragraph.(Dec-2013 OLD)[LJIET] Text color-green Text-indentation – 2 cm Font-courier Font style-italic Text case-uppercase	04
3.	Explain following properties with respect to CSS. (Dec-2013 OLD)[LJIET] 1. Float 2. Margin	03
4.	Write an HTML snippet with CSS for following effects 1. link: after visited red color and before visited blue color	07



	2. table with odd rows pink and even rows blue color. 3. Text color-green, Text-indentation-2cm, Text case-uppercase (Nov 2017 OLD)[LJIET]	
5.	Write an External CSS with following rules. (Nov 2018 OLD) [LJIET] i) To make all the headers with normal font and having size 150%. ii) To display the paragraphs in arial font with bold style. Show the use of above css with html file by linking it.	07
6.	Define CSS. Enlist and explain methods of using CSS in web page. Specify the CSS to provide; link: after visited blue color and before visited red color, table with odd rows white and even rows blue color. (Jan-2013 OLD)[LJIET]	07
7.	Define CSS. Enlist and explain methods of using CSS in web page. (Nov 2017 OLD) [LJIET] Write HTML snippet with CSS to 1. Change background color of webpage 2. Set an image as a background 3. Manipulate a background image so it can be repeated over an area	07
8.	Explain CSS Positioning with Example. (Jan-2013 OLD)[LJIET] OR What is positioning in CSS?. Explain it with example. (Oct-2016 OLD)[LJIET]	07
9.	How can a style sheet be linked to a web page or how a cascaded style sheet be embedded within a document? With the help of cascaded style sheet change background color. What changes are to be done to set an image as a background? Manipulate a background image so it can be repeated over an area. (May-2014 OLD) [LJIET]	07
10.	Write a CSS that sets an element to occupy 60% of the screen width and that is centered horizontally.(May-2016 OLD) [LJIET]	07
11.	Write an Internal CSS with following rules.(Oct-2016 OLD)[LJIET] i) Paragraph with font-family times new roman, size 150%. ii) Text capitalized and underline with indent of 1 cm. Make its use in body part of your sample html page.	07
12.	Write an External CSS with following rules..(Oct-2016 OLD)[LJIET] i) To make all the headers with normal font and having size 150%. ii) To display the paragraphs in arial font with bold style. Show the use of above css with html file by linking it.	07
13.	What does the floating and positioning element do in CSS explain with example.(Jan 2021 OLD)[LJIET]	04
14.	Describe the following. 2. Classes in CSS. (May-2012 OLD)[LJIET]	3.5
15.	Define a class which defines a text alignment style to be left. Show how this same style can be applied to multiple tags? (Dec-2013 OLD) [LJIET]	04
16.	What is the difference between class and id? How can a style rule be defined with an id redheading that gives red color to heading h1 with text of heading right aligned? What would be the output of the following code in relation to style defined in this problem?  <pre>&lt;h2 id="redheading"&gt; This is red heading&lt;/h2&gt; &lt;p id="redheading"&gt; This is red heading&lt;/p&gt; &lt;h1 id="redheading"&gt; This is red heading&lt;/h1&gt;</pre> (May-2012 OLD)[LJIET]	07
17.	What do you mean by "class" and "id" in CSS? Show the use of external CSS with example.(May-2011 OLD) (May-2015 OLD) (Oct-2016 OLD)(May-2016 OLD)(Nov 2017 OLD) [LJIET]	07





18.	What is CSS? Explain Class and ID Selector is CSS with examples. (Dec-2015 OLD)[LJIET] OR What is id selector and class selector in CSS? Explain it with example. (Oct 2016 OLD)[LJIET]	07
19.	What do you mean by “class” and “id” in CSS? Explain with example. (May-2017 OLD)(May 2018 OLD)(Jan 2021 OLD) [LJIET] OR What do you mean by class and id in CSS? Show the use of external CSS with example. (May-2016 OLD)[LJIET]	04
20.	What do you mean by “class” and “id” in CSS? Explain with Example.(May 2019 OLD, June 2022 NEW)[LJIET]	07
21.	What is the difference between Class and Id selector? (Aug 2021 OLD)[LJIET]	03
22.	Explain CSS positioning with Example. (Sep 2021 OLD)[LJIET]	04
23.	Explain Class and ID Selector is CSS with examples. (Sep 2021 OLD)[LJIET]	04
24.	Write HTML code to design the page layout using table tag like header, sidebar and content area. Header, sidebar and content area contain image as a background, menu using hyperlinks and login facility respectively. Use External style sheet. (Dec-2013 OLD) [LJIET]	04
25.	Write down HTML/CSS code to create table with 5 rows and 3 columns. Even no. of rows display in green color and odd no. of rows display in yellow color. (May-2011 OLD)[LJIET]	07
26.	Write the following styles in separate CSS file and also show how to link this CSS file in HTML file and show use of styles. (May-2012 OLD)[LJIET] (i)The headings should have normal font style and font’s size should be 120% (ii) Define a class arial for paragraph which defines font family arial and font style bold. (iii) Apply a background color yellow and apply a background image Browntile.jpg” OR Write the following styles in separate CSS file and also show how to link this CSS file in HTML file and show use of styles. (May-2016 OLD)[LJIET] (i)The headings should have normal font style and font’s size should be 120% (ii) Define a class arial for paragraph which defines font family arial and font style bold. (iii) Apply a background color yellow and apply a background image happy.jpg” OR Write the following styles in separate CSS file and also show how to link this CSS file in HTML file and show use of styles. (Dec-2015 OLD) [LJIET] (i) The headings should have normal font style and font’s size should be 120% (ii) Define a class Arial for paragraph which defines font family Arial and font style bold. (iii) Apply a background color yellow and apply a background image “apple.jpg”	07
27.	Write a HTML program to draw table shown below.(May-2013 OLD)(June 2013 OLD) [LJIET] Also write CSS rules so that 1. table background is of RED color 2. Cell data is center aligned.	07





	<table><tr><td>A</td><td>B</td><td>C</td><td rowspan="3">D</td></tr><tr><td>E</td><td colspan="2">F</td></tr><tr><td>G</td><td>H</td><td>I</td></tr></table>	A	B	C	D	E	F		G	H	I																		
A	B	C	D																										
E	F																												
G	H	I																											
28.	Write program using HTML and CSS to create web page with. (Oct 2016 OLD)[LJIET] - Yellow back color - Table with red border - Paragraph with center text alignment.	07																											
29.	How to select an element for apply style in CSS.(Dec 2021 OLD)[LJIET]	04																											
30.	Write an HTML & CSS code to create Horizontal and Vertical Menu. (June 2022 NEW)[LJIET]	04																											
31.	What is CSS Box Model? Write CSS code to implement following output. 1) Make an ordered list with red border, padding and font size 20. 2) Use flower.jpg as Background and repeat it. 3) Change background color of text box when focused. 4) Create a fixed position link at bottom with scrolling page. Give name of the link “#top”. (June 2022 NEW)[LJIET]	07																											
32.	Create an HTML page to create following Table. Apply random color to each box using CSS. (June 2022 NEW)[LJIET] <table><tr><td colspan="2">A</td><td colspan="5">B</td></tr><tr><td>C</td><td>D</td><td>E</td><td>F</td><td>G</td><td>H</td><td>J</td></tr><tr><td>K</td><td>M</td><td colspan="2">N</td><td colspan="2">I</td><td rowspan="2">J</td></tr><tr><td></td><td>L</td><td>P</td><td>O</td><td>I</td><td>H</td></tr></table>	A		B					C	D	E	F	G	H	J	K	M	N		I		J		L	P	O	I	H	07
A		B																											
C	D	E	F	G	H	J																							
K	M	N		I		J																							
	L	P	O	I	H																								
33.	Explain background-attachment property with all its possible values. (June 2022 OLD)[LJIET]	03																											
34.	What are the additional features available in CSS3? Discuss in brief. (June 2022 OLD)[LJIET]	04																											
35.	What is positioning in CSS? (June 2022 NEW)[LJIET]	04																											
36.	Write an HTML snippet with CSS for following effects 1. link: after visited red color and before visited green color 2. table with even rows black and odd rows green color. 3. Text color-green, Text case-uppercase (Dec 2022 NEW)[LJIET]	07																											
TOPIC: Animations, Tool-Tips, Style images, Variables, Media Queries, Wildcard Selectors (*, ^ and \$) in CSS, Working with Gradients, Pseudo Class, Pseudo elements, basic of frameworks like Bootstrap																													
Sr. No	Descriptive Questions	Marks																											
1.	Write a CSS rule for XHTML HTML document that displays all the links in blue without underlying them, when the mouse hover the link change the link’s background color to yellow.(May-2016 OLD)[LJIET]	07																											
2.	Write HTML and CSS code for the following: (May 2018 OLD)[LJIET] (i) set the background color for the active link states to "yellow". (ii) Set the list style for unordered lists to "square". (iii) Set "paper.gif" as the background image of the page.	07																											



3.	Write CSS code for the following: (May-2017 OLD, JAN 2023 OLD)[LJIET] i) set the background color for the hover and active link states to "yellow". ii) Set the list style for unordered lists to "square". iii) Set "paper.gif" as the background image of the page.	03
4.	Write CSS code for the following: 1. Set background colour for the hover and active link states to "yellow" 2. Set the list style for unordered lists to "square". 3. Set "paper.gif" as the background image of the page with horizontal repeat. (May 2018 OLD ) [LJIET]	07
5.	Write HTML and CSS code for the following: (i) Set color of visited link to "green". (ii) Set background color of paragraph to "yellow" (iii) Set list style for unordered lists to "square". (iv) Set "calendar.jpeg" as the repeated background image of the page. (Dec-2019 OLD)(Dec 2021 OLD)[LJIET]	07
6.	Write an HTML snippet with CSS for following effects 1. link: after visited red color and before visited blue color 2. table with odd rows pink and even rows blue color. 3. Text color-green, Text-indentation-2cm, Text case-uppercase (Nov-2019 OLD)[LJIET] <b>OR</b> 4. Write an HTML snippet with CSS for following effect (OCT 2020 OLD)[LJIET] 1. link: after visited red color and before visited blue color 2. table with odd rows blue and even rows green color. 3. Text color-green, Text case-uppercase	07
7.	Define term: Boot Strap for CSS (Jan-2022 OLD)[LJIET]	03
8.	Explain term: Class, ID, Wild card selectors, Media Queries for CSS. (Jan-2022 OLD)[LJIET]	07
9.	Demonstrate CSS Pseudo classes with example. (June 2022 NEW)[LJIET]	04
10.	What is Bootstrap? (June 2022 NEW)[LJIET]	03
11.	Write HTML and CSS code for the following: (i) Set the background color for the active link states to "blue". (ii) Set the list style for unordered lists to "circle". (iii) Set "animation.gif" as the background image of the page. (Dec 2022 OLD)[LJIET]	07
12.	What is selector class ? Explain the pseudo class selector in CSS with example. (JAN 2023 OLD)[LJIET]	07
13.	Explain Wildcard Selectors (*, ^ and \$) in CSS. (JAN 2023 OLD)[LJIET]	04
<b>CHAPTER NO - 3: Client Side Scripting using JavaScript</b>		



TOPIC: Syntax of JavaScript, Execution of JavaScript, Internal, Embedded and External Javascript, JavaScript : variables, arrays, functions, conditions, loops, Pop up boxes		
Sr. No	Short Questions(1 Mark) / MCQ / True-False/Fill in the blanks	Marks
1.	Javascript is _____ language. [LJIET] A Programming B Application C None of These <b>D Scripting</b>	01
2.	JavaScript is designed for following purpose - [LJIET] A To Style HTML Pages <b>B To add interactivity to HTML Pages.</b> C To Perform Server Side Scripting Opertion D To Execute Query Related to DB on Server	01
3.	JavaScript is an _____ language. [LJIET] A compiled <b>B interpreted</b>	01
4.	Is this correct syntax to include JS Code inside HTML Page ? [LJIET] <script type="text/javascript"> ... </script> A No <b>B Yes</b>	01
5.	Which of the following is a disadvantage of using JavaScript? [LJIET] A - Client-side JavaScript does not allow the reading or writing of files. B - JavaScript can not be used for Networking applications because there is no such support available. C - JavaScript doesn't have any multithreading or multiprocess capabilities. <b>D - All of the above.</b>	01
6.	Which of the following is the correct syntax to print a page using JavaScript? [LJIET] <b>A - window.print();</b> B - browser.print(); C - navigator.print(); D - document.print();	01
7.	Which of the following type of variable is visible only within a function where it is defined? [LJIET] A - global variable <b>B - local variable</b> C - Both of the above.	01





	D - None of the above.	
8.	Which of the following function of Array object returns the last (greatest) index of an element within the array equal to the specified value, or -1 if none is found? [LJIET]  A - indexOf() B - join() C - lastIndexOf() D - map()	01
9.	Which built-in method calls a function for each element in the array? [LJIET]  A - while() B - loop() C - forEach() D - None of the above.	01
10.	Why so JavaScript and Java have similar name? [LJIET] A. JavaScript is a stripped-down version of Java B. JavaScript's syntax is loosely based on Java's C. They both originated on the island of Java D. None of the above	01
11.	What is difference between Java script and JAVA? (May-2011 OLD)[LJIET]	01
12.	What's the correct syntax for referring to an external script called "abc.js"? (May-2011 OLD)[LJIET] 1) <script href="abc.js"> 2) <script src="abc.js"> 3) <script target="abc.js">	01
13.	What is the correct syntax for referring to an external script called "xxx.js"? (May-2017 OLD)[LJIET] a). <script type="text/javascript" href="xxx.js"> b). <script type="text/javascript" src="xxx.js"> c). <script type="text/javascript" name="xxx.js">	01
	<b>Descriptive Questions</b>	<b>Marks</b>
1.	What are the uses of JavaScript? Explain any two with example.(Dec -2013 OLD)[LJIET]	03
2.	What is JavaScript? Discuss advantages of JavaScript. (Sep 2021 OLD)[LJIET]	03
3.	Write a JavaScript to take 2 digit number and then separate these 2 digits, then multiply first digit by itself for second digit times.( for example, 23 should be separated as 2 and 3. 2 should multiply with itself 3 times). (May-2012 OLD)[LJIET]	03
4.	State true or false and justify your answer : "Java Script is untyped language. (Dec-2019 OLD)[LJIET]	03
5.	Write a JavaScript to print characters of a string at odd positions.(for example for the string India, I, d and a should get printed). (May -2012 OLD)[LJIET]	04



6.	Explain advantages of external JavaScript with example. (Dec-2013 OLD) [LJIET]	04
7.	Write Java Script for find first 10 prime numbers.(Nov 2018 OLD)(Jan 2021 OLD)[LJIET]	07,04
	Write a JavaScript program which read number and check whether that number is prime or not? (Nov 2017 OLD)[LJIET]	07
8.	What are the advantages and disadvantages of client side scripting? (Dec-2013 OLD) [LJIET] OR What are the advantages and disadvantages of client side scripting? (Nov 2017 OLD) [LJIET]	04
9.	Write a JavaScript, that uses a loop, that searches a word in sentence held in an array, returning the index of the word. (May 2018 OLD, May 2014 OLD) [LJIET]	04
10.	Write a JavaScript that uses function to calculate how many days are left in your birthday?(May-2014 OLD)[LJIET]	04
11.	Explain pop-up boxes in JavaScript with example. (Nov 2018 OLD, JAN 2023 OLD, Oct - 2016 OLD) [LJET]	04
12.	Explain different types of pop box in JavaScript. (Dec-2013 OLD)(Dec-2021 OLD) [LJIET]	04
13.	Explain different types of pop box in JavaScript with example.(Sep-2021 OLD)[LJIET]	04
14.	Explain pop-up boxes in Java-Script with example (Dec 2021 New)[LJIET]	04
15.	Write a JavaScript to find first 10 prime numbers.(Nov 2017 OLD)[LJIET]	04
16.	Write a program using Java Script, which sorts elements of an array in descending order using bubble sort. (Nov -2011 OLD)[LJIET]	07
17.	Write a JavaScript program to print first N odd numbers divisible by 7. (May -2011 OLD)(May-2017 OLD) [LJIET]	07
18.	Answer the following questions with respect to JavaScript. (May -2011 OLD)(May-2016 OLD) [LJIET] 1. Give the different purpose for which JavaScripts are used. 2. Writing user defined objects in JavaScript.	07
19.	Explain Array, Function with Example (with reference to JavaScript). (Jan-2013 OLD)[LJIET]	07
20.	What is JavaScript? Explain Variable scope and assignment with Example.(Jan-2013 OLD)[LJIET]	07
21.	Why java script is called Client side scripting? Explain advantages of javascript. (June-2013 OLD)[LJIET]	07
22.	Explain following java script functions.(May-2013 OLD)(June 2013 OLD)[LJIET] 1. alert() 2. prompt() 3. confirm() OR Discuss Java script alert, prompt, confirm with example. (Jan-2022 OLD ) [LJIET]	07,03
23.	Explain various loop structures in java script with example.(June-2013 OLD)LJIET]	07
24.	Explain user defined objects in JavaScript with example. (Dec-2014 OLD)[LJIET]	07
25.	Explain various error handling techniques in java script with examples. (Dec-2015 OLD)[LJIET]	07
26.	Explain external java script with example. (May-2016 OLD)[LJIET]	07





27.	1. Differentiate between Client Side Scripting and Server Side Scripting. 2. Enlist inbuilt object of JavaScript. Explain any one in brief. (May -2016 OLD)[LJIET]	07
28.	What do you mean by client side script? Explain variables in java script. (Oct 2016 OLD)[LJIET]	07
29.	Explain different types of Pop-box box in javaScript. (May -2017 OLD)[LJIET] OR Explain different types of Pop-box in javascript. (Aug 2021 OLD)[LJIET]	03,03
30.	Explain the syntax of loops in java script. How client side scripting languages improve the performance of website? (Oct 2016 OLD)[LJIET]	07
31.	How client side scripting languages improve the performance of website?(Dec 2021 OLD)[LJIET]	03
32.	Write a java script code to find whether given number is prime or not.(Dec 2021 OLD, JAN 2023 OLD)[LJIET]  OR Prepare a java script to find whether entered number by user is Prime or Not. (Jan-2022 OLD)[LJIET]	04,07
33.	Explain following terms (Any Three).(Jan 2021 OLD)[LJIET] 1. JSON 2. DOM 3. GET vs POST	03
34.	Explain following terms (Jan 2021 OLD)[LJIET] 1. Difference between for and forEach method in JavaScript 2. Write a code to validate user input using jQuery.	04
35.	Design web page to detect the visitor's browser name and its version.(Jan 2021 OLD)[LJIET]	03
36.	Write a function that takes 3 parameters, price, tax rate, balance, and prints yes in an alert box if someone has adequate balance to purchase an item at the specified price with the given tax rate. Otherwise, print out no in an alert box.(Jan 2021 OLD)[LJIET]	03
37.	What is java Script? Explain characteristics of Java Script. (Aug 2021 OLD)[LJIET]	04
38.	Write a javascript to accept a number to check whether it is greater than 100 or not? (Aug 2021 OLD)[LJIET]	03
39.	List some advantages of javascript. (Jan 2021 OLD, Dec 2022 OLD, Dec 2022 NEW)[LJIET]	03
40.	Write a JavaScript to check input string is palindrome or not. (Jan 2021 OLD)[LJIET]	07
41.	Write JavaScript code to print following pattern. (Oct-2020 OLD)[LJIET] 1 0 1 1 0 1 0 1 0 1 1 0 1 0 1	07
42.	Write an HTML and JavaScript program which accepts N as input and print first N odd numbers. (Oct-2020 OLD, JAN 2023 OLD)[LJIET]	04
43.	Write java script function to find maximum value among three different value entered by user.(Jan-2022 OLD)[LJIET]	04
44.	What is client side scripting? Write an HTML and JavaScript program which accepts N as input and print N Fibonacci numbers as list. (May 2018 OLD) [LJIET]	07
45.	Differentiate between Java Programming language and Java Scripting Language. (June 2022 NEW)[LJIET]	04
46.	Write a Java Script code to display Fibonacci Series of given number. Number should be entered by user through text box. (June 2022 NEW)[LJIET]	07



47.	Explain use of Prompt dialog box with suitable example. (June 2022 OLD)[LJIET]	03
48.	Write a JavaScript function that takes a string as an argument and checks whether that string is palindrome or not. (June 2022 OLD)[LJIET]	04
49.	Write a JavaScript function that will read two different Strings with the same length entered in two text fields and produces the third String as given in the example and displays it in the third text field.  i.e. String 1 : ABCDEF    String 2 : UVWXYZ  then String 3: AU BCVW DEFXYZ (June 2022 OLD)[LJIET]	07
50.	Write a JavaScript function that can accept an integer number from the user and check whether the number is Armstrong number or not (i.e. Armstrong number is $153 = 1^3 + 5^3 + 3^3$ ). (June 2022 OLD)[LJIET]	07
51.	Write an HTML and JavaScript program which accepts N as input and print N is odd or even number. (June 2022 NEW,)[LJIET]	04
52.	Create a webpage using HTML and JavaScript that takes any number as input and prints Fibonacci series up to that number. (Dec 2022 OLD)[LJIET]	07
53.	Create an HTML and JavaScript program which accepts N as input and print first N odd numbers. (Dec 2022 NEW)[LJIET]	04
54.	Design a web page which contains list of radio buttons (car names) and one image element/tag. When particular car name is clicked then image element displays the chosen car into image tag. Write HTML and JavaScript code for the same. (Dec 2013 OLD)[LJIET]	04
<b>TOPIC: JavaScript objects and DOM( Document Object Model)</b>		
<b>Sr. No</b>	<b>Short Questions(1 Mark) / MCQ / True-False/Fill in the blanks</b>	<b>Marks</b>
1.	If para1 is the DOM object for a paragraph, what is the correct syntax to change the text within the paragraph? [LJIET] A. "New Text"? B. <b>para1.value="New Text";</b> C. para1.firstChild.nodeValue= "New Text"; D. para1.nodeValue="New Text";	01
2.	The syntax of capture events method for document object is _____ [LJIET] A. captureEvents() B. captureEvents(args eventType) C. <b>captureEvents(eventType)</b> D. captureEvents(eventVal)	01
<b>Sr. No</b>	<b>Descriptive Questions</b>	<b>Marks</b>
1.	How user defined objects can be created in JavaScript? Describe the way in which property values can be added to the object. (Dec-2013 OLD) [LJIET]	03
2.	What are objects in JavaScript? Explain properties, methods and event of window object of JavaScript. (Sep -2021 OLD)[LJIET]	07
3.	What are JavaScript objects? List the important built-in objects. How can you write your own object? (Nov-2011 OLD)[LJIET]	07
4.	How user defined objects are created in JAVAScript? How a constructor can be used to populate data in the object? (May -2012 OLD)(Nov 2017 OLD)[LJIET]	07





5.	Explain document object in JavaScript. (May -2012 OLD)[LJIET]	03
6.	Explain DOM structure of HTML. Write JavaScript code to know which mouse button was clicked and number of elements in form.(May 2018 OLD) (Oct 2020 OLD)(Dec 2022 OLD)[LJIET]	03
7.	Show the use of window object for controlling your browser.(May -2012 OLD)[LJIET]	07
8.	Write a short note on DOM. (Oct 2016 OLD)[LJIET]	07
9.	Explain DOM with example. (Dec 2021 New)[LJIET]	03
10.	Explain the Document Object Model with example. (Nov 2018 OLD) [LJIET]	03
11.	What is document object? Show its use in accessing the form elements with example. (May -2012 OLD)(May-2016 OLD)(May-2017 OLD) [LJIET]	07
12.	What is Document Object Model? Explain the various objects in Document Object Model.(Nov-2011 OLD,May-2015 OLD,May-2017 OLD, Nov 2017 OLD) [LJIET]	07
13.	Explain DOM structure of HTML. Write using JavaScript: how to know which mouse button was clicked, number of elements in form, and write hello world. (Jan-2013 OLD)[LJIET]	07
14.	What is document object model? Explain document object with example. (Dec-2014 OLD)[LJIET]  OR Explain the Document Object Model. Explain the explain document object with example. (May-2014 OLD) (Dec-2015 OLD)[LJIET]	07
15.	What is Object in JavaScript? Write a JavaScript program using object to find the area of circle, rectangle and triangle. (Oct 2016 OLD)[LJIET]	07
16.	What is Window object ? Explain its object hierarchy? (Oct 2016 OLD)[LJIET]	07
17.	Explain Document Object Model. Explain any two document object with example. (May-2017 OLD)[LJIET] OR Explain the Document Object Model with example. (Nov 2017 OLD)[LJIET]	07,03
18.	What is document object model? Explain any two objects with example. (May 2018 OLD,May 2019 OLD, June 2022 NEW)) [LJIET]	07
19.	Explain the purpose of the following DOM methods and properties. (Nov 2018 OLD) [LJIET] (i) getElementById (ii) createElement (iii) appendChild (iv) parentNode	07
20.	Explain the purpose of the following DOM methods and properties. (i) getElementById (ii) createElement (iii) appendChild (iv) parentNode (May-2016 OLD)[LJIET]	07
21.	Develop XML document that will hold player (Like Cricket) collection with field for player-name, age, batting-average and highest-score. Write suitable document type definition and schema for the XML. (May-2015 OLD)[LJIET]	07
22.	Explain the Document Object Model. Explain any two document object with example. (Aug 2021 OLD)[LJIET]	07
23.	What is DOM in Java Script? Write a Java Script code to display all <a> elements that have a name attribute. (June 2022 NEW)[LJIET]	03
<b>TOPIC: JavaScript inbuilt functions</b>		
1.	Demonstrate functionality of following java script methods: substring, Slice, getDate, charAt(Jan-2022 OLD)[LJIET]	04
<b>TOPIC: Event handling with JavaScript</b>		
<b>Sr. No</b>	<b>Short Questions(1 Mark) / MCQ / True-False/Fill in the blanks</b>	<b>Sr. No</b>
1.	The type that specifies what kind of event occurred is [LJIET]	01





	<b>a. event type</b> b. even target c. Both a and b d. None of the mention	
2.	In general, event handler is nothing but [LJIET] <b>a. function</b> b. interface c. event d. handler	01
3.	When will the browser invoke the handler? [LJIET] a. Program begins b. Any event occurs <b>c. Specified event occurs</b> d. None of the mentioned	01
4.	Which event can be fired on any scrollable document element? [LJIET] a. Window <b>b. Scroll</b> c. Load d. Unload	01
5.	Which is the opposite to the load event in JavaScript? [LJIET] a. dontload b. postload c. preload <b>d. unload</b>	01
6.	Which of the following keys are set to true when the keyboard modifier keys are held down? [LJIET] a. altKey b. ctrlKey c. metaKey <b>d. All of the mentioned</b>	01
7.	When is the mouseover event fired? [LJIET] a. <b>When mouse is moved over a new element</b> b. When mouse is clicked c. When mouse is both moved and clicked d. None of the mentioned	01
8.	The focus and blur events are also part of [LJIET] a. Element events b. Handler events <b>c. Window events</b> d. Scroll events	01
<b>Sr. No</b>	<b>Descriptive Questions</b>	
1.	Explain the event handling in JavaScript with simple example. (Nov-2011 OLD) [LJIET]	3.5
2.	Explain any two types of events in Java Script with Example. (Nov 2018 OLD) [LJIET]	04
3.	What do you mean by event in JavaScript? Give at least two examples of events with their handling. (May -2011 OLD)(May-2016 OLD) (May 2019 OLD) [LJIET]	07
4.	What are objects in Java Script? Explain properties, methods and event of window object of Java Script. (Nov-2011 OLD)[LJIET]	07
5.	Show the use of events to change background color with DHTML. If mouse button is pressed, background color should be red. If mouse button is released up, background color should be yellow. (May -2012 OLD)[LJIET]	07



6.	Write a JavaScript that handles following mouse events. Add necessary elements. <b>(Dec-2013 OLD) (Dec-2015 OLD)(May-2017 OLD) [LJIET]</b> (i) JavaScript gives the key code for the key pressed. (ii) If the key pressed is “a”, “e”, “i”, “o”, “u”, the script should announce that vowel is pressed. (iii) When the key is released background should change to blue.	07
7.	Write a JavaScript that handles following mouse events. Add necessary elements. <b>(Dec-2013 OLD) [LJIET]</b> (i) If the mouse is over the heading heading should turn yellow and if the mouse goes out of the heading it should turn black. (ii) If find time button is clicked show time and date information. If button named “red” is clicked, background should change to red and If button named “green” is clicked, background should change to green	07
8.	Write JavaScript code to know which mouse button was clicked, number of elements in form, and write hello world on the document. <b>(Nov 2017 OLD)[LJIET]</b>	04
9.	Write a JavaScript that handles following events. <b>(Nov 2017 OLD) [LJIET]</b> (i) Gives the key code for the key pressed. (ii) The script should give message that "vowel is pressed" if vowel keys are pressed. (iii) Background color should change to red after releasing the pressed key.	07
10.	Show the use of events for the following with example. (i) Trap the exiting of the user from a page. (ii) Show the heading. When the mouse is over the heading the background color should be yellow and when the mouse goes out of the heading, color should change to black. <b>(May–2014 OLD) (May-2015 OLD)(Oct-2020 OLD) [LJIET]</b>  <b>OR</b> Show the use of JavaScript events for the following. <b>(Nov 2017 OLD)[LJIET]</b> (i) Trap the exiting of the user from a page. (ii) Show the heading. When the mouse is over the heading the background color should be red and when the mouse goes out of the heading, color should change to blue.	07
11.	Write JavaScript that handles following mouse event. <b>(May-2015 OLD)[LJIET]</b> 1. If mouse left button pressed on browser it displayed message “Left Clicked”. 2. If mouse right button pressed on browser it displayed message “Right Clicked”.	07
12.	List seven mouse events in JavaScript. Explain mouse move and mouse click with proper example. <b>(May-2015 OLD)[LJIET]</b>	07
13.	Write a Java script to display today’s date and time on windows status bar. Time should be updated at every one minute. <b>(Dec-2015 OLD)[LJIET]</b>	07
14.	Explain Event object in java script. Write a java script to print (x,y) co-ordinate of mouse pointer on windows status bar. <b>(Dec-2015 OLD)[LJIET]</b>	07
15.	Give example of button click event handling using java script. <b>(Oct 2016 OLD)[LJIET]</b>	07
16.	Explain event handling in JavaScript. <b>(May -2012 OLD,May 2016 OLD)[LJIET]</b>	07
17.	Write a JavaScript that handles following events. (i) If the mouse is over heading, change font color to “red” and if the mouse goes out of the heading change it to “black” (ii) If key pressed is ‘a’, ‘e’, ‘i’, ‘o’, ‘u’, the message should be displayed on pop up box that “vowel is pressed” (iii) If “Date and Time” button is clicked it displays current date and time information. <b>(Dec-2019 OLD)[LJIET]</b>	07
18.	Write JavaScript code that display the text “Gujarat Technological University” with increasing font size in interval of 50ms in blue color. When font size reaches to 50px it should stop. <b>(Jan 2021 OLD)[LJIET]</b>	07





19.	Demonstrate onChange event handler in java script code when input focus exits after the user modifies its text.(Jan 2021 OLD)[LJIET]	07
20.	Write arrow function in JavaScript to calculate the sum of two digits when user click on button. (Jan 2021 OLD)[LJIET]	07
21.	Write a JavaScript that handles following events. (i) Gives the key code for the key pressed. (ii) The script should give message that "vowel is pressed" if vowel keys are pressed. (iii) Background color should change to red after releasing the pressed key. (Oct-2020 OLD)[LJIET]	07
22.	Explain event handling in JavaScript with proper example. (Dec 2021 New)[LJIET]	07
23.	Design HTML page with one textbox and image tag. When focus moves from textbox then all characters should be converted to uppercase and when mouse over/out on image then image should be changed. Write JavaScript code for the same. (Dec-2013 OLD)(May-2017 OLD)[LJIET]	03,07
24.	Design a form using HTML and JavaScript that asks the user to enter his date of birth and on clicking the Calculate Button it calls the function that calculates how many days are left in your birthday? (May 2018 OLD)[LJIET]	07
25.	Create a HTML page with Java Script, which takes one integer number as input and tells whether the number is even or odd. (Nov -2011 OLD, Nov-2011 OLD) [LJIET]	07
26.	Write a program using HTML and java script to create basic calculator. (Oct 2016 OLD)[LJIET]	07
27.	Create a HTML page using Java Script, which gives functionality of calculator like addition, multiplication, division and subtraction. (Nov-2011 OLD)[LJIET]	07
28.	Design a form using HTML and JavaScript that asks the user to enter his date of birth and on clicking the Calculate Button it calls the function that calculates how many days are left in your birthday? (May 2018 OLD)[LJIET]	07
29.	Write an HTML and JavaScript program which accepts N as input and displays first N Fibonacci numbers as list. (Nov 2018 OLD) [LJIET]	07
30.	Write an HTML and JavaScript program which accepts N as input and displays first N Fibonacci numbers as list. (May -2013 OLD) (Dec-2015 OLD)(May-2017 OLD) [LJIET]	07
31.	What is JavaScript event? List the major events and show use of at least one event by writing JavaScript code. (May -2013 OLD)[LJIET]	07
32.	Create HTML form with one button having label "Click Me". Also write java script to show "You Clicked Me" message when a user clicks on button. (June -2013 OLD)[LJIET]	07
33.	Write an HTML file with Javascript that finds position of first occurrence of vowel "a", last occurrence of vowel "a" in a given word and returns the string between them. For example, ajanta- then script would return first occurrence of "a"-that is position 1 and last occurrence-6 and string between them is "jant". (Dec-2013 OLD)[LJIET]	07
34.	Create HTML Page with JavaScript which takes Integer number as input and tells whether the number is Prime or Not.(Jan-2013 OLD)(Dec-2014 OLD) (May 2019 OLD) [LJIET] OR Write a javascript code to find whether given number is prime or not. (Dec-2014 OLD)(May-2016 OLD)[LJIET] OR Write a java script to print prime number up to n. value of n is given by user in HTML Page. (May -2014 OLD)[LJIET] OR Write JavaScript program to print 1 to N Prime Number. Where number is entered by HTML Form. (May -2015 OLD)[LJIET] OR Write a JavaScript to find first 10 prime numbers.(May-2016 OLD)[LJIET]	07





35.	What is javascript? What are its uses? Write a javascript code which reads the number from textbox and prints list of numbers starting from 1 on web page. (Dec-2014 OLD)(May-2017 OLD) [LJIET]	07
36.	Write a JavaScript to check input string is palindrome or not.(May-2016 OLD)[LJIET]	07
37.	What is client side scripting? Write an HTML and JavaScript program which accepts N as an input and print first N odd numbers. (May-2017 OLD)[LJIET]	07
38.	Design a form using html and JavaScript to collect the details from the user such as name, gender (Radio Button), address, state, city. Create a dynamic drop down list for state and based on state another drop down list contains list of cities for that state. (Nov 2017 OLD)[LJIET]	07
39.	Using HTML and Java script design a web page that takes one integer as input and display total N prime numbers starting from 1 in HTML table on web page. (Dec-2019 OLD)[LJIET]	07
40.	Design a form using HTML and JavaScript that asks the users to enter his date of birth and on clicking the calculate Button it calls the function that calculates how many days are left in your birthday? (Dec 2021 New)[LJIET]	07
41.	What is event handling in Java? Write a Java Script code to change the size of image if mouse cursor is over the image and reduce back to normal when cursor is out. (June 2022 NEW) [LJIET]	03
42.	What is JavaScript event handling? List the major events and show use of at least one event by writing JavaScript code. (June 2022 NEW)[LJIET]	07
43.	Write a JavaScript code that displays "I LOVE INDIA" with increasing font size in the interval of 100 ms in blue color, when the font size reaches 50pt it should stop. (Dec 2022 OLD)[LJIET]	07
<b>TOPIC: JavaScript validations and Regular expressions</b>		
<b>Short Questions(1 Mark) / MCQ / True-False/Fill in the blanks</b>		<b>Marks</b>
1.	In which part does the form validation occur? [LJIET] a. Client <b>b. Server</b> c. Both a and b d. None of the mentioned	01
2.	What is the purpose of the basic validation? [LJIET] a. Data correctness <b>b. Mere data existence</b> c. Both a and b d. None of the mentioned	01
3.	What is the purpose of data format validation? [LJIET] <b>a. Data correctness</b> b. Mere data existence c. Both a and b d. None of the mentioned	01
4.	Which is the function that is called to validate a data? [LJIET] a. validate() b. valid() c. validation() <b>d. None of the mentioned</b>	01



5.	What would happen if the data in the client had been wrong? [LJIET] a. Sends back the data b. Waits for correction <b>c. Both a and b</b> d. None of the mentioned	01
Sr. No.	Descriptive Questions	Marks
1.	Justify it: "Java script is used in validation techniques". (May-2011 OLD)[LJIET]	3.5
2.	Write an HTML form accepting an integer having 4-digits. Provide necessary validations using JavaScript. Input should not accept characters. (May-2011 OLD)[LJIET]	07
3.	What are differences between client side and server side scripting language? Write down java script code to check mobile number (mobile number should start with 9 or 8) and mail id(check @ and .). (May-2011 OLD)[LJIET]	07
4.	Design an login form using HTML and JavaScript with following validations on password field : minimum length 8 characters, it should have some special character. (Nov-2011 OLD) [LJIET]  OR Write down java script code to validate user name and password (password length must in between 6 to 12 characters. User name should not start with _, @, or any number, both are not blank). (May-2011 OLD)[LJIET]  OR Design a login form using HTML & JavaScript with following validations using Regular Expression on username and password fields. 1. Username and Password should not be both blank 2. Username should not start with digit,_, @ or # 3. Password length must be 8 to 16 characters (Oct-2020 OLD)[LJIET]	07
5.	Why do you need validation? Show the use of regular expression in JavaScript to validate the email address with example. (May-2015 OLD)(Nov-2011 OLD)(May-2017 OLD)(Nov-2017 OLD)[LJIET]	07
6.	How can you perform validation using JavaScript? Show the validation using JavaScript with simple form having name, phone number and email field. (May-2012 OLD)(Old-May-2016 OLD) [LJIET]	07
7.	Differentiate between server side and client side scripting languages. Write HTML and JavaScript to take input for loginname, password, birthdate, email address, phone no. and validate them. (Jan-2013 OLD)[LJIET]	07
8.	Write a Java Script to validate email address. Explain substr(), explode in PHP. (May -2014 OLD) [LJIET]	07
9.	Write a Java script to validate email address entered by user. (Dec-2015 OLD)[LJIET]  OR What is validation in JavaScript? Write a JavaScript program to validate an Email address. (Oct 2016 OLD,May 2019 OLD)[LJIET]  OR Write a JavaScript program to validate an Email addresss. (Oct-2020 OLD)[LJIET]  OR Write a JavaScript program to validate an Email address. (Dec 2022 OLD)[LJIET]	07
10.	Write a JavaScript code to find whether given number is prime or not. (Sep 2021 OLD)[LJIET]	04





11.	Write Java Script to validate Mobile Number. (Nov 2018 OLD) [LJIET] 1) Entered value must be numeric 2) 10 digit length	07
12.	Write a Javascript to check mobile number (mobile no. should start with 9 or 8). (Oct-2016 OLD)[LJIET]	07
13.	Write a JavaScript to validate email address entered by user. (Sep 2021 OLD)[LJIET]	07
14.	Create a web application for login form with login and password option. Password should be kept up to 5 characters only. Perform necessary validations. (May-2016 OLD)[LJIET]	07
15.	Explain Methods and properties of RegExp object in java script. (Oct 2016 OLD) [LJIET]	07
16.	Why do you need validation? Show the use of regular expression in JavaScript to validate the email address with example. (Nov 2018 OLD) [LJIET]	07
17.	Design a login form with username and password option using HTML and JavaScript. Perform following validations. (i) Username field: minimum length 6 characters, it should not have any special character or digits other than _ (ii) Password field: minimum length 8 characters and maximum length 12 characters, it must contain at least one digit and at least one special character from the set {*,#,_}. (Dec-2019 OLD)[LJIET]	07
18.	Write Java Script to validate email ID and Mobile Number. (Dec 2021 OLD)[LJIET]	07
19.	Explain DHTML with example. (Jan 2021 OLD)[LJIET]	03
20.	Explain Events in JavaScript with the help of example. (Sep 2021 OLD)[LJIET]	04
21.	Prepare a java script solution to validate registration form including email address entered by user. (Jan-2022 OLD, JAN 2023 OLD)[LJIET]	07
22.	Why do you need validation? Write HTML and JavaScript code to validate the email address using regular expression. (May 2018 OLD) [LJIET]	04
23.	Design a login form using HTML & JavaScript with following validations on username and password fields. (May 2018 OLD) [LJIET] 1. Password length must be 6 to 12 characters 2. Username should not start with _, @ or number. 3. Both should not be blank.	07
24.	Design a login form using HTML & Javascript with following validations on username and password fields. (Oct-2016 OLD)[LJIET] 1. Password length must be 6 to 12 characters 2. Username should not start with _, @ or number. 3. Both should not be blank.	07
25.	Design a login form using HTML & JavaScript with following validations using Regular Expression on username and password fields. 1. Username and Password should not be both blank 2. Username should not start with digit, _, @ or # 3. Password length must be 8 to 16 characters (Dec 2022 NEW)[LJIET]	07
	<b>Callbacks in Javascript, Function as arguments in JavaScript, Introduction to JSON</b>	



Sr. No.	Descriptive Questions	Marks
1.	Explain Callback function in JavaScript with example.(Jan 2021 OLD)[LJIET]	04
2.	Define term : JSON(Jan-2022 OLD, JAN 2023 OLD)[LJIET]	03
3.	Write a Java Script code to read data from JSON object and display it in a table. (June 2022 NEW) [LJIET]	04
4.	Explain callbacks in JavaScript. (June 2022 NEW)[LJIET]	03
5.	Write Java Script to validate Mobile Number. 1) Entered value must be numeric 2) 10 digit length 3) Must start with either 6, 7, 8 or 9. (Dec 2022 OLD)[LJIET]	07
<b>CHAPTER NO - 5 : Server Side Programming with PHP</b>		
<b>TOPIC: Difference between Client side and Server side scripting</b>		
1.	What are the differences between client side and server side scripting language? (Aug 2021 OLD)[LJIET]	04
2.	Write the difference between Client Side Scripting and Server Side Scripting. (Nov 2018 OLD) [LJIET]	03
3.	Differentiate client side scripting and server side scripting. (Dec-2019 OLD, Oct-2020 OLD, June 2022 NEW) [LJIET]	03
4.	Differentiate between Client Side Scripting and Server Side Scripting. (May 2018 OLD ,Oct 2020 OLD, Dec 2022 OLD) [LJIET]	03
5.	Give the difference between Client side Scripting and Server Side Scripting. (Jan 2021 OLD)(JAN 2023 OLD) [LJIET]	03
6.	Write a difference between following b) Client-side scripting and Server-side scripting (Dec 2022 NEW)[LJIET]	04
<b>TOPIC: Structure of PHP page, PHP Syntax: variables, decision and looping with examples, PHP and HTML, Arrays and Functions, String, Form processing, File uploads, Dates and time zone, Working with Regular Expressions, Exception Handling</b>		
Sr. No	Short Questions(1 Mark) / MCQ / True-False/Fill in the blanks	Marks
1.	Which file can be configured for Apache Web Server? (May-2011 OLD)[LJIET]	01
2.	What does PHP stand for? [LJIET] i) Personal Home Page ii) Hypertext Preprocessor iii) Pretext Hypertext Processor iv) Preprocessor Home Page a) Both i) and iii) b) Both ii) and iv) c) Only ii) d) Both i) and ii)	01





3.	Which of the following must be installed on your computer so as to run PHP script?[LJIET] i) Adobe Dreamweaver ii) PHP iii) Apache iv) IIS a) All of the mentioned. b) Only ii) c) ii) and iii) d) ii), iii) and iv)	01
4.	Which of the following php statement/statements will store 20111 in variable num?[LJIET] i) int \$num = 20111; ii) int mum = 20111; iii) \$num = 20111; iv) 20111 = \$num; a) Both i) and ii) b) All of the mentioned. c) Only iii) d) Only i)	01
5.	What will be the output of the following php code?[LJIET] 1. <?php 2. \$num = 1; 3. \$num1 = 2; 4. print \$num . "+" . \$num1; 5. ?> a) 3 b) 1+2 c) 1+.2 d) Error	01
6.	What will be the output of the following php code?[LJIET]  <?php  \$num = "1";  \$num1 = "2";  print \$num+\$num1;  ?>  a) 3 b) 1+2 c) Error d) 12	01



7.	Which of the looping statements is/are supported by PHP?[LJIET] i) for loop ii) while loop iii) do-while loop iv) foreach loop  A. (i) and (ii) B. (i), (ii) and (iii) <b>C. All of the mentioned</b> D. None of the mentioned	01
8.	Which one of the following PHP functions can be used to build a function that accepts any number of arguments?[LJIET]  A. func_get_argv() <b>B. func_get_argc()</b> C. get_argv() D. get_argc()	01
9.	The filesize() function returns the file size in ____.[LJIET]  A. bits <b>B. bytes</b> C. kilobytes D. gigabytes	01
10.	Which of the functions is used to sort an array in descending order?[LJIET] A. sort() B. asort() <b>C. rsort()</b> D. dsort()	01
11.	What will be the output of the following PHP code?[LJIET]  < ?php \$fruits = array ("mango", "apple", "pear", "peach"); \$fruits = array_flip(\$fruits); echo (\$fruits[0]); ?>  A. mango <b>B. Error</b> C. peach D. 0	01





12.	<p>What will be the output of the following php code? [LJIET]</p> <pre>&lt; ?php \$states = array("karnataka" =&gt; array ( "population" =&gt; "2011,35,000", "captial" =&gt; "Bangalore"), "Tamil Nadu" =&gt; array( "population" =&gt; "17,90,000", "captial" =&gt; "Chennai" )); echo \$states["karnataka"]["population"]; ?&gt;</pre> <p>A. karnataka 2011,35,000  <b>B. 2011,35,000</b>  C. population 2011,35,000  D. karnataka population</p>	01
13.	<p>Which two predefined variables are used to retrieve information from forms?[LJIET]</p> <p>A. \$GET &amp; \$SET  <b>B. \$_GET &amp; \$_SET</b>  C. \$__GET &amp; \$__SET  D. GET &amp; SET</p>	01
14.	<p>When you use the \$_GET variable to collect data, the data is visible to..[LJIET]</p> <p>A. none  B. only you  <b>C. everyone</b>  D. selected few</p>	01
15.	<p>When you use the \$_POST variable to collect data, the data is visible to..[LJIET]</p> <p>A. none  <b>B. only you</b>  C. everyone  D. selected few</p>	01
16.	<p>What will be the output of the following PHP code?[LJIET]</p> <pre>&lt; ?php echo str_pad("Salad", 5)." is good."; ?&gt;</pre> <p>A. SaladSaladSaladSaladSalad is good  B. is good SaladSaladSaladSaladSalad  C. is good Salad  <b>D. Salad is good</b></p>	01



17.	Which one of the following functions is used to determine whether a class exists?[LJIET] A. exist() B. exist_class() <b>C. class_exist()</b> D. __exist()	01
18.	Variables/functions in PHP don't work directly with:[LJIET] a. echo() <b>b. isset()</b> c. print() d. All of the above	01
19.	which of the following are the valid PHP data types[LJIET] a. resource b. null c. boolean d. string e. Both a and c f. Both b, c and d <b>g. All of the above</b>	01
20.	Which of the following attribute is needed for file upload via form?[LJIET] <b>a. enctype='multipart/form-data'</b> b. enctype='singlepart/data' c. enctype='file' d. enctype='form-data/file'	01
21.	Which of the following printing construct/function accpets multiple parameters?[LJIET] <b>a. echo</b> b. print c. printf d. All of the above	01
22.	All variables in PHP start with which symbol? a). \$ b). ! c). & (May-2017 OLD)[LJIET]	01
23.	Write full form of PHP. (May-2017 OLD)[LJIET]	01
<b>Sr. No</b>	<b>Descriptive Questions</b>	<b>Marks</b>
1.	Explain the following. (May-2011 OLD)[LJIET] 2. Associate arrays in PHP	3.5
2.	Explain index and associative arrays in PHP. (Dec-2013 OLD)(May-2017 OLD)[LJIET]	03,07
3.	Explain the settings required for apache web server and PHP to run PHP programs. Mention how to do the following: consider all the questions w.r.to Unix/Linux. - Start mysqld and apache services and how to check status. - Take backup of mysql database tables and how to restore them. - How logging of web server users. (Jan-2013 OLD) [LJIET]	07
4.	Explain the use of following arrays in PHP. (Dec-2013 OLD, Dec 2022 NEW, May 2019 OLD) [LJIET] 1. \$_REQUEST [ ] 2. \$_SERVER[ ]	03,04





5.	What is use of “break” and “continue” statements in PHP scripts? (Dec-2019 OLD)(Dec-2021 OLD)[LJIET]	03
6.	What is use of \$_REQUEST[] array in PHP? (Dec-2019 OLD)[LJIET]	03
7.	What is difference between identical and equal to operator in PHP? Give example. (Dec-2019 OLD)(Dec-2021 OLD) [LJIET]	03
8.	How to write in PHP? Explain with example. (Nov 2018 OLD)[LJIET]	04
9.	Write a PHP script to print following pattern (Dec 2021 New)[LJIET] 1 10 101 0101 10101	04
10.	Write PHP script to make sum of first 10 even numbers. (Dec 2021 New)[LJIET]	04
11.	Explain index and associative arrays in PHP. (May 2019 OLD)[LJIET]	04
12.	What is an associative array in PHP? Give Example. (Dec-2019 OLD)[LJIET]	04
13.	Explain following string functions with example in PHP: ucwords() and strpos(). (Dec-2019 OLD)(Dec-2021 OLD)[LJIET]	04
14.	Write a PHP program to make the sum of first 100 odd numbers. (May-2011 OLD) [LJIET]	07
15.	What are the different types of arrays in PHP? Explain with examples. (May 2018 OLD, June 2022 NEW)[LJIET]	07
16.	What is PHP? Write a PHP script to check given number is odd or even. (May 2018 OLD) [LJIET]	07
17.	Write PHP programs to (Nov-2011 OLD) [LJIET] 1. To print whether current year is leap year or not. 2. To print whether given number is odd or even.	07
18.	Write a PHP program to find whether entered year is leap year or not. (Nov 2018 OLD) [LJIET]	04
19.	Explain the following with respect to PHP.(Nov-2011 OLD) [LJIET] 1. Sending an email 2. String processing	07
20.	Write PHP program to print first 10 Fibonacci numbers. (Nov-2011 OLD) [LJIET]	07
21.	What are the different types of arrays in PHP? Explain with example to process the arrays in PHP.(Nov-2011 OLD)(May-2017 OLD) [LJIET] <b>OR</b> Explain the PHP arrays with example. (May-2012 OLD)[LJIET] <b>OR</b> Explain various types of arrays in PHP with examples. (June -2013 OLD)[LJIET] <b>OR</b> Explain types of array in PHP with example.(May-2016 OLD)[LJIET]	04,07
22.	What is an HTML form? How can you access the form data in php page? Explain with suitable example. (May-2012 OLD) [LJIET]	07



23.	Write a PHP program that receives the value of N using HTML form and displays the first N Fibonacci numbers as HTML list. (May-2012 OLD),(May -2013 OLD)(Nov 2017 OLD)[LJIET]  <b>OR</b> Write a PHP script to print first N Fibonacci numbers. (May-2017 OLD)[LJIET]	10,07,07,04
24.	Explain different ways to pass information from one web page to other(s). Write a PHP program to explain any two ways. (Jan-2013 OLD)[LJIET]	07
25.	Explain variable function and magic methods using PHP program. (Jan-2013 OLD)[LJIET]	07
26.	Write a PHP program to make the sum of first 100 even numbers.(Jan-2013 OLD)(May-2016 OLD) [LJIET]	07
27.	Explain file upload in PHP with an example. (Jan-2013 OLD)[LJIET] <b>OR</b> Write a PHP script to upload a text file. (May -2014 OLD)[LJIET] <b>OR</b> Write PHP and HTML code to upload file from client to server. (Dec-2014 OLD)[LJIET] <b>OR</b> Write php code to upload simple text file on webserver. (Dec-2015 OLD)[LJIET]	07
28.	Write a PHP program to display table of cube for 1 to 10. (May -2013 OLD)[LJIET]	07
29.	Create HTML form with one textbox to get user's name. Also write PHP code to show length of entered name when, the HTML form is submitted. (June -2013 OLD)[LJIET]	07
30.	Create HTML form to enter one number. Write PHP code to display the message about number is odd or even. (June -2013 OLD)[LJIET]	07
31.	Write a code to design a web page in PHP which allows user to upload file with following restrictions. (Dec-2013 OLD)[LJIET] <ul style="list-style-type: none"> <li>• Only pdf and jpeg file can be uploaded.</li> <li>• File size should not exceed 1000KB.</li> <li>• Same name file should not be there in folder</li> </ul> If upload is successful then it should display all details of the file like its name, size and type otherwise it asks to upload again if it does not satisfy above requirements.	07
32.	Explain with suitable example, string manipulation with PHP. (Dec-2013 OLD) (Dec-2015 OLD)(Nov 2017 OLD)[LJIET]  <b>OR</b> Explain string manipulation in PHP with example. (Dec-2014 OLD)[LJIET]	07
33.	With the use of PHP, switch case and if structure perform the following and print appropriate message. (May – 14 OLD)[LJIET] (i) Get today's date (ii) if date is 3, it is dentist appointment. (iii) If date is 10, go to conference. (iv) If date is other than 3 and 10, no events are scheduled.	07
34.	What is PHP? Write a PHP program to find whether entered year is leap year or not. (Dec -2014 OLD) (Dec-2015 OLD)(May-2017 OLD) [LJIET] <b>OR</b> Write a PHP program to find whether entered year is leap year or not. (Nov 2017 OLD)[LJIET]	07
35.	What is an associate array in PHP? Explain built in associate arrays in PHP. (Dec-2014 OLD)[LJIET]	07





36.	Write PHP and HTML page to get the reverse of entered string in textbox when button is clicked. (Dec-2014 OLD)[LJIET]	07
37.	Write a PHP program to upload image. And also check file size should not greater than 30 KB. (May-2015 OLD)(May 2018 OLD)[LJIET]	07
38.	Write a code to design single PHP page with following requirement. (May-2015 OLD)[LJIET] 1. It accept username and password 2. When user click on submit button then authenticate user id and password. 3. Also perform validation (using JavaScript) like any of input field should not be blank.	07
39.	Explain PHP and WAMP server in detail. (May-2016 OLD)[LJIET]	07
40.	Write a PHP program to find whether entered year is leap year or not. (Nov 2018 OLD) [LJIET]	07
41.	Write a PHP script to print following pattern. (May-2016 OLD) (May 2019 OLD) [LJIET] 1 01 101 0101	07
42.	Write a PHP script that validate email address using Regular Expression when user click on VALIDATE button. (May-2016 OLD)[LJIET] OR Write a PHP script to validate email address using Regular Expression when user click on SUBMIT button. (Nov 2017 OLD)[LJIET]	07
43.	Use an array to store student information such as enrolment no, name, semester and percentage. Output the data to a web page using PHP. (Dec-2013 OLD)[LJIET]	07
44.	Explain date() function in PHP. (May-2017 OLD)[LJIET]	03
45.	What is PHP? Write a PHP program to find the number is odd or even. (Oct 2016 OLD, May 2019 OLD)[LJIET]	07
46.	What PHP can do with header() command? (Dec 2013 OLD)(May-2017 OLD)[LJIET] OR What PHP can do with header() function? (Oct 2020 OLD)[LJIET] OR What PHP can do with header () function? (Dec 2022 NEW)(Dec 2022 OLD) [LJIET]	03
47.	Write a PHP program to check the number is prime or not. (May-2017 OLD)[LJIET]	07
48.	Write php code to upload image file. (Nov 2017 OLD)[LJIET]	07
49.	Write a php code to upload file on server and display file details on the page (Ex. File name, Extension, File Size).(Jan 2021 OLD)[LJIET]	03
50.	Write a php code to calculate the number of days between to two input dates if the difference is even number then render background color as blue or red.(Jan 2021 OLD)[LJIET]	07
51.	Write PHP code which print factorial of 5. (Aug 2021 OLD)[LJIET]	07
52.	Write PHP code to check the number is even or odd. (Aug 2021 OLD)[LJIET]	07
53.	Explain different array sorting functions in PHP with examples. (Aug 2021 OLD)[LJIET]	04



54.	Write a PHP script to open, close, read and write into a file. (Jan 2021 OLD, Dec 2022 NEW)[LJIET]	07
55.	What are the different types of arrays in PHP? Explain with example to process the arrays in PHP. (Jan 2021 OLD)[LJIET]	07
56.	Explain features of PHP? Discuss various types of control statements in PHP. (Jan 2021 OLD)[LJIET]	07
57.	Write an application using PHP and HTML to upload a file from the user on the web server. (Oct-2020 OLD)[LJIET]	07
58.	Explain require() and include() functions in PHP. (Oct-2020 OLD, Dec 2022 OLD)[LJIET]	03
59.	Develop a PHP Code which read stock code and display stock information when user submit page. (Jan-2022 OLD)[LJIET]	07
60.	Describe any four php array function. (Jan-2022 OLD)[LJIET]	04
61.	Interpret PHP Function: Implode and Explode(Jan-2022 OLD, JAN 2023 OLD)[LJIET]	03
62.	Prepare a PHP Code to read and write content from File. (Jan-2022 OLD, JAN 2023 OLD)[LJIET]	04
63.	How to read and write file in PHP? Explain with example. (DEC 2013 OLD)[LJIET]	04
64.	List and explain different types of array in PHP with example. (June 2022 NEW)[LJIET]	03
65.	Write a PHP using regular expression to identify 1) Data contains all numbers. 2) Data must start with a character. 3) Data must contain special character '@'. (June 2022 NEW)[LJIET]	03
66.	Create a PHP file upload code with following criteria. 1) File type should be .jpg, .gif and .png only. 2) File should not be larger than 800KB. 3) Check if uploaded file already exists. (June 2022 NEW)[LJIET]	07
67.	Demonstrate GET, POST and REQUEST methods of PHP. (June 2022 NEW)[LJIET]	04
68.	Write PHP code to upload a Text file on the server. (June 2022 OLD)[LJIET]	04
69.	Write a PHP code that will read a text file (containing Student's details separated by semicolon) and display it's content in a tabular format on a webpage. (June 2022 NEW)[LJIET]	04
70.	Explain file uploads in PHP. (June 2022 NEW)[LJIET]	04
71.	What is PHP Form processing? Write an HTML and PHP program which accepts N as input and print N Fibonacci numbers as list. (June 2022 NEW)[LJIET]	07
72.	Explain Regular Expression in PHP. (June 2022 NEW)[LJIET]	03
73.	Write a PHP program to upload image. And also check file size should not greater than 50 KB. (Dec 2022 OLD)[LJIET]	07
74.	What's myadmin and database bug. What's function in PHP? Explain types of function with example. (MAY 2011 OLD)[LJIET]	07
75.	What are basic commands of PHP? Explain with example. (MAY 2011 OLD)[LJIET]	07
76.	Write PHP program to read text file.(MAY 2015 OLD)[LJIET]	07





77.	Write a PHP script to print following pattern. (Nov 2017 OLD)[LJIET]  1 ab 234 cdef 56789	07
	<b>TOPIC: Basic concepts of Session and State, State management using query string, hidden form controls, Cookies, Session variables</b>	
<b>Sr. No</b>	<b>Short Questions(1 Mark) / MCQ / True-False/Fill in the blanks</b>	<b>Marks</b>
1.	Which one of the following is the very first task executed by a session enabled page? a) Delete the previous session b) Start a new session c) <b>Check whether a valid session exists</b> d) Handle the session [LJIET]	01
2.	How many ways can a session data be stored? [LJIET] a) 3 b) <b>4</b> c) 5 d) 6	01
3.	Which one of the following is the default PHP session name? [LJIET] a) <b>PHPSESSID</b> b) PHPSESID c) PHPSESSIONID d) PHPIDSESS	01
4.	If session.use_cookie is set to 0, this results in use of.. [LJIET] a) Session b) Cookie c) <b>URL rewriting</b> d) Nothing happens	01
5.	Which one of the following function is used to start a session?[LJIET] a) start_session() b) <b>session_start()</b> c) session_begin() d) begin_session()	01
6.	Which function is used to erase all session variables stored in the current session?[LJIET] a) session_destroy() b) session_change() c) session_remove() d) <b>session_unset()</b>	01



7.	What will the function session_id() return is no parameter is passed?[LJIET] a) <b>Current Session Identification Number</b> b) Previous Session Identification Number c) Last Session Identification Number d) Error	01
8.	What is the syntax to declare session and cookies [LJIET] <b>Answer :</b> Declare Session syntax : \$_SESSION['username']='mark'; To declare cookies syntax will be : setcookie(name,value,expire);	01
9.	How can we destroy a session in PHP .[LJIET] <b>Answer :</b> We can destroy session by:  To delete a specific session variable we use session_unset(\$_SESSION['variable_name']) ;	01
10.	A PHP _____ variable is used to store the information about, or change settings for a user session. a). session b). \$SERVER c). Section (May-2017 OLD)[LJIET]	01
<b>Sr. No</b>	<b>Descriptive Questions</b>	<b>Marks</b>
1.	Explain cookie in PHP with example. (May 2019 OLD, Dec 2022 OLD)[LJIET]	03,04
2.	What is cookie in PHP? Explain cookies handling in PHP. (Dec-2019 OLD)[LJIET]	04
3.	Explain the PHP session and PHP cookie with an example.(Nov-2011 OLD)(Jan-2013 OLD)(May-2016 OLD)(May-2017 OLD)(Nov 2017 OLD)[LJIET] <b>OR</b> Explain and demonstrate with suitable example Session and Cookie using PHP. (May-2014 OLD)[LJIET] <b>OR</b> Explain session and cookies in PHP with proper example.(May-2016 OLD) (Nov 2018 OLD)(May 2018 OLD)(Oct-2020 OLD) [LJIET]	07
4.	What are cookies? Explain the cookies handling in PHP with proper example. (Nov-2011 OLD) (Dec-2015 OLD)(Nov 2017 OLD) [LJIET] <b>OR</b> What is Cookie? How can we handle cookies in PHP? (May-2013 OLD) (June 2022 NEW) [LJIET] <b>OR</b> Explain Cookie in PHP. (May-2015 OLD)(May-2017 OLD) [LJIET] <b>OR</b> What is cookie? Explain the setcookie() function in PHP with meaning of all the arguments. (May-2012 OLD)[LJIET] <b>OR</b> What is cookie in PHP? How to create and destroy it? Is it used to transfer data among the pages? If yes, then give its example. (Dec-2013 OLD, Jan-2013 OLD) [LJIET] <b>OR</b> What are cookies in PHP? Explain it with example. (Dec-2014 OLD) [LJIET] <b>OR</b> Explain Cookie in PHP with proper example. (Nov 2017 OLD)[LJIET]	04,07
5.	How do you create cookie in PHP? Give difference between session and cookie with example. (May-2011 OLD)[LJIET]	07





6.	What is session? How do php manage the sessions? Give an example to store and retrieve, your age as session variable. (May -2011 OLD)( May -2012 OLD)[LJIET]	10
7.	Explain Session in PHP with proper example. (Nov 2017 OLD)(Oct-2020 OLD)[LJIET]	04
8.	Give differences between following. (June-2013 OLD)[LJIET] i. GET versus POST ii. Cookie versus Session variable	07
9.	What is session? Explain PHP session management. (May -2013 OLD)(May 2018 OLD)(May 2019 OLD) [LJIET] OR Explain session in PHP. (May-2015 OLD)(May-2017 OLD) [LJIET] OR What is session? Explain session management in PHP with example. (Dec 2014 OLD)[LJIET]	07
10.	What is session? How cookie and session are related? If any browser has disabled accepting cookie, then how to maintain session between each request from client to server and vice versa. Explain with example. (Dec-2013 OLD) [LJIET]	07
11.	What is Session in PHP? How shopping cart can be maintained with Session concept sample PHP code. (Dec-2015 OLD) [LJIET] OR Prepare a PHP Code to manage online shopping cart using session.(Jan-2022 OLD, JAN 2023 OLD) [LJIET]	07
12.	What is session and cookie in php? Create session and session parameter using php code.(Oct -2016 OLD)[LJIET]	07
13.	Differentiate session and cookies in PHP. (May-2017 OLD)[LJIET] OR Differentiate Cookie and Session.(Jan-2022 OLD, JAN 2023 OLD)[LJIET]	04
14.	Explain Session & Cookie in PHP with proper example.(Dec-2021 OLD)[LJIET]	07
15.	Why state is problem for web application? Explain various technique for state and session management in php with example.(Jan 2021 OLD)[LJIET]	07
16.	Differentiate session and cookies in PHP. (Aug 2021 OLD)[LJIET]	03
17.	What are cookies and sessions in PHP? How can you create, access and delete a cookie in PHP with the help of an example. (Jan 2021 OLD)[LJIET]	07
18.	Write a note on session in PHP. (Sep 2021 OLD)[LJIET]	04
19.	Write a note on associative array in PHP. (Sep 2021 OLD)[LJIET]	04
20.	Explain cookie in PHP with the help of example. (Sep 2021 OLD)[LJIET]	07
21.	Demonstrate session handling in PHP with example. (June 2022 NEW)[LJIET]	04
22.	Demonstrate the Exception Handling in PHP. (June 2022 NEW)[LJIET]	03
23.	Explain various Cookie related method available in PHP. (June 2022 OLD)[LJIET]	03
24.	What is Session? Explain how can you manage session in PHP with example. (June 2022 OLD)[LJIET]	07
25.	Explain Session in PHP with example.(Dec 2022 OLD)[LJIET]	04
26.	Describe Session Management and Use of Session Variables With Example. (Nov 2018 OLD)[LJIET]	07
<b>CHAPTER NO - 6 : Database programming with PHP and MySQL</b>		



<b>TOPIC: Basic MySQL commands, PHP functions for database connectivity, Implementation of CRUD operations using PHP, Prepared Statement and stored procedure execution in PHP</b>		
<b>Sr. No</b>	<b>Short Questions(1 Mark) / MCQ / True-False/Fill in the blanks</b>	<b>Marks</b>
1.	Which one of the following databases has PHP supported almost since the beginning?[LJIET] a) Oracle Database b) SQL c) SQL+	01
2.	Which one of the following lines need to be uncommented or added in the php.ini file so as to enable mysqli extension? [LJIET] a) <b>extension=mysqli.dll</b> b) extension=mysqli.dll c) extension=mysqli.dll d) extension=mysqli.dll	01
3.	Which one of the following statements is used to create a table? [LJIET] a) <b>CREATE TABLE table_name (column_name column_type);</b> b) CREATE table_name (column_type column_name); c) CREATE table_name (column_name column_type); d) CREATE TABLE table_name (column_type column_name);	01
4.	Which one of the following statements can be used to select the database? [LJIET] a) \$mysqli=select_db('databasename'); b) mysqli=select_db('databasename'); c) mysqli->select_db('databasename'); d) <b>\$mysqli-&gt;select_db('databasename');</b>	01
5.	What does the DESC keyword do in the following query? [LJIET] SELECT * FROM MY_TABLE WHERE ID > 0 ORDER BY ID, NAME DESC  A) It causes the dataset returned by the query to be sorted in descending order B) It causes rows with the same ID to be sorted by NAME in ascending order C) <b>It causes rows with the same ID to be sorted by NAME in descending order</b> D) It causes rows to be sorted by NAME first and then by ID E) It causes the result set to include a description of the NAME field	01
6.	What is the correct way to connect to a MySQL database? (May-2017 OLD)[LJIET]	01
<b>Sr. No</b>	<b>Descriptive Questions</b>	<b>Marks</b>





1.	What's PHP? Write down source code to create database and retrieve data with connection of PHP. (May-2011 OLD)[LJIET] <b>OR</b> What is PHP? Write down source code to create database and retrieve data with connection of PHP. (Nov 2017 OLD)[LJIET]	07
2.	How do you connect to server with PHP? Explain with example. (May-2011 OLD)[LJIET]	07
3.	Write PHP code for database connectivity. Apply insert and delete operation with proper example. (Nov 2018 OLD, May 2019 OLD) [LJIET]	07
4.	How can you connect to database in PHP? Show the simple database operation using PHP with proper example. (Nov-2011 OLD)[LJIET]	07
5.	Write a web application code using PHP, HTML and MySql for Employees that stores employee's id, name, department, designation, etc. in database. Create proper GUI including buttons that run separate .php file for each database operation like insert, update, delete etc. (May 2018 OLD, Dec 2022 OLD)(Dec 2021 New)[LJIET]	07
6.	Create a database called country and create table called city having fields (cityname, area, population) using PHP commands. Create an HTML form to get the city data and write a script to insert that data into the table. (May-2012 OLD)[LJIET]	07
7.	Write a PHP program to create MySQL database and table; insert, retrieve data from table, alter the table to add a column and add data in that new column. (Jan-2013 OLD)(May-2016 OLD)[LJIET]	07
8.	What is PHP? How can you connect to database in PHP? Show the simple database operation using PHP with proper example. (Dec 2021 New)[LJIET]	07
11.	Write modules using HTML and PHP to store information of employee (employee id, job title, years of experience) in an array. And output the data to a web page by arranging the employees in ascending order of experience. (May-2012 OLD)[LJIET]	07
12.	How can you connect to database in PHP? Explain database connectivity in PHP with example. (May -2013 OLD)(May 2018 OLD) [LJIET] <b>OR</b> Explain database connectivity in PHP with example. (Nov 2017 OLD, Dec 2014 OLD, Dec 2022 NEW)[LJIET]	07/04
13.	Write a PHP program to display a table stored in database. (May -2013 OLD)[LJIET]	07
14.	Write a code to design single PHP page with following requirements: (Dec-2013 OLD)[LJIET] It accepts input like firstname, lastname, age and city. When user clicks on submit button then his/her details should be inserted into table. Also it performs validation (using JavaScript) like any of the input field should not be empty. Assume that database and table are created in MYSQL.	07
15.	Use an array to store student information such as enrollmentno, name, semester and percentage. Output the data to a web page using PHP. (Dec-2013 OLD)[LJIET]	07
16.	With the use of PHP, write two scripts, one to pick up details of a library customer and the other to store the details(in variables) and display them. (May-2014 OLD)(May-2017 OLD) [LJIET]	07



17.	Write PHP Program to store user registration with My Sql Database. (May-2014 OLD)[LJIET]  OR Write a PHP program to store user registration (user-name, address, Date of Birth, age, pan card, gender) with mysql database. (May-2015 OLD) (May 2019 OLD) [LJIET] OR Write a PHP program to store user registration information( like user-name, address, Date of Birth, age, pan card, gender) with mysql database and display that details on view screen in tabular manner. (Nov 2017 OLD)[LJIET]	07
18.	Explain database connectivity in PHP with example. (Dec-2014 OLD)[LJIET]	07
19.	Write PHP code for database connectivity. Apply insert and delete operation with proper example. (May-2015 OLD)(May-2017 OLD) [LJIET]	07
20.	Write a PHP program to insert data in table. And also display data on browser with proper tabular format. (May-2015 OLD)[LJIET]	07
21.	Read and store student information such as enrollment no, name, semester and percentage in database table named student. Output the data to a web page using PHP. (Dec-2015 OLD)[LJIET]  OR Write HTML and PHP program to read and store student information such as enrollment no, name, semester and percentage from database table. Output the data to a webpage in tabular format.(May 2017 OLD)[LJIET]	07
22.	Write a web application code using PHP, HTML and MySql for Employees that stores employee's id, name, department, designation, etc. in database. Create proper GUI including buttons that run separate .php file for each database operation like insert, update, delete etc. (May-2012 OLD) (May 2016 OLD)[LJIET]	07
23.	Write php code to create database state, create table city(cityname, area,population) and insert data from table. (Oct-2012 OLD)(Oct 2016 OLD)[LJIET]	07
24.	Write a PHP script to store user registration details (user-name, address, date of birth, age, pan card, gender) with MySQL database. (Dec-2019 OLD)[LJIET]	07
25.	Write a php program to greet the user based on time.(Jan 2021 OLD)[LJIET]	04
26.	Write a php code to check whether given username is already in "login_tbl" table or not using AJAX and display appropriate message.(Jan 2021 OLD)[LJIET]	07
27.	Write a php code to create REST API to display the user details from database and display data in form of JSON.(Jan 2021 OLD)[LJIET]	07
28.	What is PHP MyAdmin? What are the features of PHP MyAdmin? Explain PHP MyAdmin Database Management. (Aug 2021 OLD)[LJIET]	07
29.	Explain database connectivity in PHP with example. (Jan 2021 OLD)[LJIET]	04
30.	Write PHP program to store user registration with mysql database.(Sep 2021 OLD)[LJIET]	07
31.	Write a web application code using PHP, HTML and MySql for Students that stores student's enrolment no., name, semester, gender, qualification, etc. in database. Create proper GUI including buttons that run separate .php file for each database operation like insert, update, delete etc. (Oct-2020 OLD)[LJIET]	07
32.	Develop a PHP Code which read employee code, year and month. On submit button press, it generates salary slip for that month-year for that employee.(Jan-2022 OLD)[LJIET]	07





33.	Create simple login page in PHP. Let user login with predefined username and password. Logout user automatically after 5mins of user login and redirect back to login page. (June 2022 NEW)[LJIET]	07
34.	Write PHP code to perform CRUD operation using PHP. (June 2022 NEW)[LJIET]	07
35.	Write a PHP code to read data from JSON object and display in table form. (June 2022 NEW)[LJIET]	03
36.	Write a code to demonstrate prepared statement in PHP and MySQL. (June 2022 NEW)[LJIET]	07
37.	Write PHP code to connect with a MySQL Database. (June 2022 OLD)[LJIET]	03
38.	Write a PHP code to enlist all the tables available in a Database. (June 2022 OLD)[LJIET]	03
39.	Write a PHP code that will search a Product's record from the MySQL table and display it on a page (Assume suitable structure of MySQL Database table consisting Product details). (June 2022 OLD)[LJIET]	07
40.	How prepared Statement is executed in PHP? (June 2022 NEW)[LJIET]	04
41.	Write HTML and PHP program to read and store book information such as book id, title, author and price from database table. Output the data to a webpage in tabular format. (June 2022 NEW)[LJIET]	07
42.	Develop a web application code using PHP, HTML and MySQL for Students that stores student's enrolment no., name, semester, gender, qualification, etc. in database. Create proper GUI including buttons that run separate .php file for each database operation like insert, update, delete etc. (Dec 2022 NEW)[LJIET]	07
43.	What is query string? How is it transmitted to the server with the GET and POST methods? (Jan 2021 OLD, Dec 2022 NEW)[LJIET]	07
44.	Explain PHP? How can you connect to database in PHP? Show the simple database operation using PHP with proper example. (Dec 2022 NEW)[LJIET]	07
<b>Chapter 7: Advanced Web Programming Concepts</b>		
<b>Topic: Asynchronous Web Programming, Difference between synchronous and asynchronous web programming, AJAX</b>		
1.	Discuss AJAX. (Sep 2021 OLD)[LJIET]	03
2.	Define term: AJAX (Jan-2022 OLD, JAN 2023 OLD)[LJIET]	03
3.	Develop a web page which contains two list box. First list ask to select State and according to state selection second list box loads name of city. Develop it using AJAX. (Jan-2022 OLD, JAN 2023 OLD)[LJIET]	07
4.	Differentiate synchronous and Asynchronous web programming (Dec 2021 New, Dec 2022 NEW)[LJIET]	03
5.	Give full name of following acronym. 1) WWW 2) CSS 3) AJAX (June 2022 NEW)[LJIET]	03
6.	State the difference between synchronous and asynchronous web programming. (June 2022 NEW)[LJIET]	04
<b>Topic: JQuery, Web service and API development using PHP</b>		



1.	Define term: JQUERY(Jan-2022 OLD, JAN 2023 OLD)[LJIET]	03
2.	Create a webpage that hides and show the image when clicked using jQuery. (June 2022 NEW)[LJIET]	04
3.	Write code to create drop-down list using jQuery. (June 2022 NEW)[LJIET]	04
4.	What is JQuery? What are the advantages of JQuery? (June 2022 NEW)[LJIET]	03
5.	Develop web service to print 'Hello World' using PHP programming. (May 2014 Old)[LJIET]	07