



**SREENIVASA INSTITUTE of TECHNOLOGY and MANAGEMENT STUDIES  
(AUTONOMOUS)**

**(WEB TECHNOLOGIES)**

**QUESTION BANK**

**III - B.TECH / II - SEMESTER**

**REGULATION: R16**



**SITAMS**

**COMPILED BY**

**FACULTY INCHARGE :**

**MRS.K. ROHITHA,  
ASSISTANT PROFESSOR**

**DR. K. SANTHI**

**ASSOCIATE PROFESSOR**

**DEPARTMENT :**

**CSE**



# SREENIVASA INSTITUTE OF TECHNOLOGY AND MANAGEMENT STUDIES

(Autonomous)

## DEPARTMENT of COMPUTER SCIENCE AND ENGINEERING

QUESTION BANK  
III B. TECH II-SEMESTER (CSE)

WEB TWCHNOLOGIES (16CSE322)  
L T P C  
3 1 0 3

16CSE322 WEB TECHNOLOGIES

### Course Educational Objectives:

**CEO1:** To understand how to write a valid HTML document involving a variety of element types, including hyperlinks, images, lists, tables, and forms.

**CEO2:** To Analyze advanced concepts of HTML5 and use CSS to implement a variety of presentation effects in HTML documents.

**CEO3:** To develop client-side scripting on web pages to provide interactivity and rapid response to user actions at client side.

**CEO4:** To understand basics of server side scripting language.

**CEO5:** To gain knowledge about sending the data from client side to server, creating sessions and interact with database.

### UNIT-1:

**Introduction:** Internet and Web - Introduction to web technologies.

**HTML 5:** Fundamentals of HTML - Working with text, Organizing text in HTML - Working with links and URLs - Creating tables - Working with images – colors - Canvas and Forms - Interactive elements and Working with Multimedia.

### UNIT-2:

**Implementing advanced features of HTML5:** Creating editable content - Checking spelling mistakes - Exploring custom data attributes - Exploring Client-Side storage - Exploring Drag and drop feature -Exploring Offline web applications - Exploring Web communications - Exploring Cross - Document messaging and Exploring desktop notifications.

**CSS:** Introduction - CSS selectors - Inserting CSS in an HTML document – Backgrounds - Fonts and Text styles - Creating boxes - Displaying - Positioning and floating elements - Features of CSS3 - Media queries.

### UNIT-3:

**Javascript:** Overview of JavaScript - JavaScript functions – Events - Image maps and animations - JavaScript objects - Working with browser and document objects.

**JQuery:** Introduction - JQuery selectors - Methods to access HTML attributes – Events - Introduction to AJAX.

### UNIT-4:

**PHP:** Introduction - Data types - Variables - Constants - Expressions - String interpolation - Control structures - Functions – Arrays - Embedding PHP code in web pages - Object Oriented PHP.

### UNIT-5:

**PHP Web forms:** PHP and web forms - Sending form data to a server - Working with cookies and session

**PHP with MySQL:** Interacting with the database -prepared statement - Database transactions.



# SREENIVASA INSTITUTE OF TECHNOLOGY AND MANAGEMENT STUDIES

(Autonomous)

DEPARTMENT of COMPUTER SCIENCE AND ENGINEERING

QUESTION BANK  
Course Outcomes:

WEB TWCHNOLOGIES (16CSE322)

After completion of this course student will be able to :

Course Outcomes		POs related to COs
CO1	Create web pages using different elements of HTML	PO1,PO2,PO5
CO2	Apply styles to the HTML elements in web pages using CSS	PO1,PO2,PO3,PO5
CO3	Use client side scripting to make the web pages responsive and interactive.	PO1,PO2,PO3,PO5
CO4	Demonstrate knowledge on basics of server side scripting language: PHP	PO1,PO2,PO3,PO5
CO5	Develop web applications with database interaction	PO1,PO2,PO4,PO5

**Text books:**

1. HTML 5 Black Book: CoversCSS3, JavaScript, XML, XHTML, AJAX, PHP and JQuery, Second Edition, 2016, DreamtechPress,Kogent Learning Solutions Inc.
2. Beginning PHP and MySQL, Fourth Edition,W. Jason Gilmore, 2011,Apress.

**Reference Books:**

1. The Complete Reference: HTML andCSS, Fifth Edition, Thomas A. Powell, 2010,Tata McGraw Hill.
2. PHP and MySQL, Andrea Tarr, 2012,Willy India,



# SITAMS



# SREENIVASA INSTITUTE OF TECHNOLOGY AND MANAGEMENT STUDIES

(Autonomous)

DEPARTMENT of COMPUTER SCIENCE AND ENGINEERING

QUESTION BANK

WEB TWCHNOLOGIES (16CSE322)

## QUESTION BANK

Question No.	Questions	PO Attainment
<b>UNIT – 1: INTRODUCTION</b>		
<b>PART-A (Two Marks Questions)</b>		
1	Define uri?	PO1
2	List any four common browsers?	PO1
3	State the uses of internet protocol?	PO1
4	List and explain any two html elements?	PO1,PO5
5	List the different basic protocols used in internet?	PO1,PO5
6	Write html code to display an image?	PO1,PO5
7	How will you create password field in a html form?	PO1,PO5
8	What are the two major protocols for accessing email from servers?	PO1
9	Define HTTP Protocol.	PO1
10	What is Cache?	PO1
11	Define Web Clients.	PO1
12	What are Web Servers?	PO1
13	What is HTML?	PO1
14	What are HTML forms?	PO1,PO5
15	What are the types of list supported by HTML?	PO1,PO5
16	List out some important HTML elements.	PO1,PO5
17	List some interactive elements.	PO1,PO5
18	What is the use of AUDIO and VIDEO elements?	PO1,PO5
19	How to create a table in HTML.	PO1,PO5
20	How to create a link in HTML.	PO1,PO5
<b>PART-B (Ten Marks Questions)</b>		
1	What are the types of elements in HTML.	PO1, PO2
2	How to create a link in HTML. Explain with relevant example.	PO1, PO2, PO5
3	Explain how to format HTML elements with physical Style elements.	PO1, PO2, PO5
4	Explain how to organize text using DIV and SPAN elements with relevant examples.	PO1, PO2, PO5
5	Define List. Describe different types of lists with examples.	PO1, PO2, PO5
6	Define Form. Write a HTML code for creating a registration form by covering all the input	PO1, PO2, PO5
7	elements in a form.	PO1, PO2, PO5
8	How to create a table. Explain with relevant example.	PO1, PO2, PO5
9	How to insert Images in a web page.	PO1, PO2, PO5
10	Describe Interactive elements in HTML5.	PO1, PO2, PO5



# SREENIVASA INSTITUTE OF TECHNOLOGY AND MANAGEMENT STUDIES

(Autonomous)

DEPARTMENT of COMPUTER SCIENCE AND ENGINEERING

QUESTION BANK

WEB TWCHNOLOGIES (16CSE322)

Question No.	Questions	PO Attainment
<b>UNIT – 2: IMPLEMENTING ADVANCED FEATURES OF HTML5</b>		
<b>PART-A (Two Marks Questions)</b>		
1	How to edit the content in HTML5	PO1,PO3
2	List out the client-side storage data.	PO1
3	What is the use of custom data attributes.	PO1
4	What is drag and drop feature in HTML5	PO1
5	What is cross-document messaging.	PO1
6	What is CSS	PO1
7	Write the syntax for CSS	PO1
8	List out some CSS selector	PO1
9	Write an example for internal style sheet	PO1
10	What is background-image property	PO1
11	Write an example for font-weight property	PO1
12	List out some font properties	PO1
13	What is Box-model	PO1
14	What is text-indent property	PO1, PO2
15	How to display, position and floating an element.	PO1
16	List out some text properties	PO1, PO2
17	What are the advantages of CSS.	PO1
18	What are the features of CSS3.	PO1
19	What are the padding properties available in HTML5.	PO1
20	What is media query.	PO1
<b>PART-B (Ten Marks Questions)</b>		
1	Explain how to edit the content and how to check spelling mistakes in HTML5.	PO1, PO2, PO3
2	Define CSS. Write the syntax for defining CSS.	PO1, PO2,
3	Explain how to insert CSS in an HTML Document.	PO1, PO2, PO3
4	Describe CSS selectors in HTML5.	PO1, PO2, PO3
5	Describe Backgrounds and color gradients in CSS.	PO1, PO2, PO3
6	Describe font styles in CSS.	PO1, PO2, PO3
7	Describe text styles in CSS.	PO1, PO2, PO3
8	What is box-model. Explain how to create a box with relevant example.	PO1, PO2, PO3
9	Explain about displaying, positioning, and floating an element using CSS.	PO1, PO2, PO3
10	Describe media queries.	PO1, PO2,



# SREENIVASA INSTITUTE OF TECHNOLOGY AND MANAGEMENT STUDIES

(Autonomous)

DEPARTMENT of COMPUTER SCIENCE AND ENGINEERING

QUESTION BANK

WEB TWCHNOLOGIES (16CSE322)

Question No.	Questions	PO Attainment
<b>UNIT – 3: JAVASCRIPT AND JQUERY</b>		
<b>PART-A (Two Marks Questions)</b>		
1	What is JavaScript?	PO1
2	Enumerate the differences between Java and JavaScript?	PO1
3	What are JavaScript Data Types?	PO1
4	What is the use of isNaN function?	PO1
5	How to insert Java script code into HTML document?	PO1
6	Define JQuery.	PO1
7	State the advantages of jQuery.	PO1
8	What is DOM? How jQuery support DOM?	PO1
9	What are the methods to access DOM elements?	PO1
10	How to load jQuery library file?	PO1,PO2
11	Define Context Distribution Network.	PO1, PO2
12	Define AJAX.	PO1
13	What do you mean by CGI	PO1
14	What is a prompt box?	PO1
15	What is 'this' keyword in JavaScript?	PO1
16	What is called Variable typing in Javascript?	PO1
17	What are all the types of Pop up boxes available in JavaScript?	PO1
18	What is Dialog box?	PO1
19	What are JavaScript Cookies?	PO1
20	How to working of timers in JavaScript?	PO1, PO2
<b>PART-B (Ten Marks Questions)</b>		
1	State the properties and methods of window object and array object with suitable example	PO1, PO2, PO5
2	Write short notes on the properties and methods of document object and string object with suitable example.	PO1, PO2, PO5
3	Explain the properties and methods of history object and date object with suitable example	PO1, PO2, PO5
4	Briefly explain the control flow statements in Java script with example.	PO1, PO2, PO5
5	Write a Simple Java script program for login form validation	PO1, PO2, PO5
6	What are events ? Explain various events used in JavaScript with example.	PO1, PO2, PO5
7	Briefly explain the various types of dialog boxes in Javascript with example.	PO1, PO2, PO5
8	How HTML elements are used in jQuery with example.	PO1, PO2, PO5
9	What do you understand by AJAX?. Explain it.	PO1, PO2, PO5
10	Write some of the different technologies to create web applications.	PO1, PO2, PO5



# SREENIVASA INSTITUTE OF TECHNOLOGY AND MANAGEMENT STUDIES

(Autonomous)

DEPARTMENT of COMPUTER SCIENCE AND ENGINEERING

QUESTION BANK

WEB TWCHNOLOGIES (16CSE322)

Question No.	Questions	PO Attainment
<b>UNIT – 4: PHP</b>		
<b>PART-A (Two Marks Questions)</b>		
1	Define PHP.	PO1
2	Define Hypertext	PO1
3	Which tag is used to define PHP code?	PO1
4	What are the different ways to start PHP block	PO1, PO2
5	How can we define comments in PHP	PO1, PO2
6	How to define global variables in PHP?	PO1, PO2
7	What is the use of for each loop?	PO1, PO2
8	What is the difference between exit and die?	PO1, PO2
9	How can we declare associative arrays?	PO1
10	Difference between chr() and ord() function.	PO1
11	Give the output of following string. i. echo striistr(“ I am the student of BCA”, “STUD”);	PO1
12	Explain chop() with example.	PO1
13	PHPPHPPHPPHP. Which string function is used to get this type of output ?	PO1
14	Explain substr function.	PO1
15	What is the use of isset() function?	PO1
16	What is difference between strcmp() and strcasecmp() functions ?	PO1
17	What is use of print_r() function?	PO1
18	How can we sort the elements of an array?	PO1
19	What is difference between reset() and unset()?	PO1
20	What is use of header () function in PHP?	PO1, PO2
<b>PART-B (Ten Marks Questions)</b>		
1	List out & explain with example what are the operator in php.	PO1, PO2, PO5
2	Explain the type of variable in php.	PO1, PO2, PO5
3	Explain the type of array in php.	PO1, PO2, PO5
4	Explain conditional statement of PHP.	PO1, PO2, PO5
5	Define Array. How can we declare one dimensional and two dimensional array in PHP?	PO1, PO2, PO5
6	What is the use of foreach loop? Explain with example.	PO1, PO2, PO5
7	Explain Built-in string functions of PHP with example	PO1, PO2, PO3
8	Explain Built-in array functions of PHP with example	PO1, PO2, PO3
9	Define function. How to define user defined function? Explain with example	PO1, PO2, PO3
10	Explain any five string function.	PO1, PO2, PO3



# SREENIVASA INSTITUTE OF TECHNOLOGY AND MANAGEMENT STUDIES

(Autonomous)

DEPARTMENT of COMPUTER SCIENCE AND ENGINEERING

QUESTION BANK

WEB TWCHNOLOGIES (16CSE322)

Question No.	Questions	PO Attainment
<b>UNIT – 5: PHP WEB FORMS</b>		
<b><u>PART-A (Two Marks Questions)</u></b>		
1	Define session	PO1, PO2
2	What do you meant by cookie?	PO1, PO2
3	How can we destroy the cookie?	PO1, PO2
4	Mention the use of session_start() ?	PO1, PO2
5	State the difference between session and cookie.	PO1
6	What is difference between session_register() and \$_session ?	PO1, PO2
7	What do you mean by persistent cookie?	PO1
8	Mention the difference between mysql_fetch_object and mysql_fetch_array ?	PO1
9	What are the different method of fetching values from other page or form elements?	PO1
10	What is the use of current () and next()?	PO1
11	How can we find number of row in result set of data?	PO1
12	How can we use \$_GET,\$_POST, \$_REQUEST variable in PHP?	PO1
13	What are the ways a session data be stored?	PO1
14	Which methods can be used to diagnose and display information about a MySQL connection error?	PO1
15	What are the following method is used to retrieve the number of rows affected by an INSERT, UPDATE, or DELETE query	PO1
16	What is the use of setcookie() function?	PO1
17	Mention the default PHP session name.	PO1
18	How to perform a query in PHP?	PO1, PO2
19	Which function is used for retrieving and displaying results of PHP?	PO1
20	Write the uses and prototype of mysql_connect().	PO1
<b><u>PART-B (Ten Marks Questions)</u></b>		
1	Define Cookie. How to create & delete it?How can we retrieve a Cookie value?	PO1, PO2, PO5
2	Explain my_connect function with example.	PO1, PO2, PO5
3	Differentiate mysql_fetch_row and mysql_fetch_array function.	PO1, PO2, PO5
4	Write a program to insert a record in student table.	PO1, PO2, PO5
5	Write a short note on \$_FILE	PO1, PO2, PO5
6	How can we embed PHP code in HTML file? List out the possible alternative for it.	PO1, PO2, PO5
7	How can we call function dynamically in PHP? Explain it with an example.	PO1, PO2, PO5
8	How to validate user input in PHP? Explain	PO1, PO2, PO5
9	Define Session. What is the need of creating session?	PO1, PO2, PO5
10	How can we register, unregister & delete Session Variable in PHP? Explain with example	PO1, PO2, PO5





**SREENIVASA INSTITUTE OF TECHNOLOGY AND MANAGEMENT STUDIES**

**(Autonomous)**

**DEPARTMENT of COMPUTER SCIENCE AND ENGINEERING**

**QUESTION BANK**

**WEB TWCHNOLOGIES (16CSE322)**

**\*\*\*ALL THE BEST\*\*\***



**SITAMS**