SREENIVASA INSTITUTE OF TECHNOGY AND MANAGEMENT STUDIES
(AUTONOMOUS)
Murukambattu, Chittoor

MCA DEPARTMENT

QUESTION BANK

For

20MCA211 -Web Technologies

Regulation – 2020

Academic Year 2020 – 21

Prepared by

Mrs. R. Padmaja, Assistant Professor

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SUBJECT NAME : Web Technologies   SUBJECT CODE : 20MCA211

YEAR &SEM : II & I   Academic Year : 2020-21

UNIT I - HTML , XML & JAVASCRIPT	
HTML- Tables, Basic Text Markup, Images, Lists, Forms, Frames, CSS, Introduction to XML – The syntax of XML, XML Document Structure, Document Type Definitions, Introduction to JavaScript, Objects in JavaScripts-Regular Expressions, Built-in Objects.	

PART -A		
Q.No.	**Questions**	**Blooms Taxonomy Level**
1.	Define HTML	Understanding
2.	List out CSS Types	Remembering
3.	Write about JavaScript	Understanding
4.	Explain XML	Understanding
5.	Distinguish HTML and XML	Analyzing
6.	What is DTD	Understanding
7.	List out Built-in-objects	Remembering
8.	Illustrate frame and frameset tags	Applying
9.	what is regular expression	Understanding
10.	Write about JavaScript variables	Understanding

PART –B		
1.	Identify the need for HTML List	Analyzing
2.	Examine the need for HTML Tables	Applying
3.	Describe the purpose of HTML Frames	Remembering
4.	Briefly Explain the HTML Forms	Analyzing
5.	Illustrate different Types of CSS	Applying
6.	Discuss XML structure in detail	Understanding
7.	write about Document Type Definition	Remembering
8.	Interpret Java Script Objects	Understanding
9.	Illustrate String Functions with Examples	Applying
10.	Illustrate Array Functions with Example	Applying

UNIT II - SERVLETS & JSP	
Life Cycle of a Servlet - A simple Servlet- The Servlet API - The Javax. Servlet Package - Reading Servlet Parameters - The javax. Servlet. HTTP Package - handling Http Request & Responses - using Cookie - Session Tracking, Java Server Pages – Motivation for JSP, JSP Documents, Scriptlets, Expression Language, JSTL Control Action Elements.	

PART –A		
1.	Define servlet	Understanding
2.	List out classes and interfaces of Javax.servlet package	Remembering
3.	List out classes and interfaces of Javax.servlet Http package	Remembering
4.	Explain JSP over Servlet	Understanding
5.	Categorize the JSP Elements	Analyzing
6.	List of JSTL control action elements	Remembering
7.	Write about Http request and response message	Understanding
8.	What is servlet API	Understanding

PART –B		
1.	Explain the Life Cycle of the Servlet	Understanding
2.	Devise a Program to illustrate how to Read Servlet parameters	Evaluating

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3.	Explain javax. servlet Package with an example Program	Analyzing
4.	Discuss various Classes and Interfaces of javax. servlet.http package	Understanding
5.	Assess how to handle the http Request and Response	Creating
6.	Explain Session Tracking Using Cookies	Understanding
7.	Describe the motivation of JSP and JSP Documents	Understanding
8.	Determine Scriptlets and Expression Language	Creating
9.	Examine the need of JSTL Tags	Applying
UNIT III -INTRODUCTION TO PHP		
History, General Features, PHP Basics, Code embedding web pages, Commenting the code, Output Data to Browser, Datatypes, Identifiers, String Interpolation		
PART – A		
1.	List out the Features of PHP	Remembering
2.	Classify the PHP Data Types	Applying
3.	Write about PHP Variables And Constants	Understanding
4.	Categorize PHP Comment Types	Applying
5.	Difference between print and echo statements	Analyzing
6.	What are type related functions	Understanding
7.	Write about type Identifier functions	Understanding
8.	Explain type casting	Understanding
PART –B		
1.	Explain the features of PHP in Detail	Remembering
2.	Discuss various ways of embedding PHP code in the web page with example	Remembering
3.	Illustrate various ways to output data on browser	Applying
4.	Write about PHP Data Types, variables and constants	Remembering
5.	Discuss various PHP Operators and Expressions	Understanding
6.	Discuss about PHP Comment Types and operators	Understanding
7.	Explain PHP Type related and type identifier functions with examples	Understanding
8.	Identify various PHP print statements and write about string Interpolation	Analyzing
UNIT IV - OBJECT ORIENTED CONCEPTS IN PHP		
Object Oriented PHP, Object Cloning, Interfaces, Inheritance, Namespace, working with files & operating system.		
PART – A		
1.	List out key OOPs concept	Remembering
2.	Figure out benefits of oops	Remembering
3.	What is constructor	Understanding
4.	Purpose of instanceOf keyword	Analyzing
5.	Define interface	Understanding
6.	Write about PHP Inheritance	Understanding
7.	Define PHP Namespaces	Understanding
8.	What are Directory Reading contents functions	Understanding
PART –B		
1.	List out various key OOPs Concept and Benefits of OOPs	Remembering

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2.	Write about PHP Constructors and Destructors	Understanding
3.	Illustrate PHP Object Cloning in detail	Applying
4.	Implement Single and Multiple Interfaces in PHP	Analyzing
5.	Classify various PHP Inheritance	Applying
6.	Discuss about PHP Namespace in detail	Understanding
7.	Explain how to Work with file and Operating System	Understanding
8.	Identify various Date and Time functions in PHP	Analyzing
UNIT V - MySQL Basics		
An Overview, MySQL Architecture, The MySQL Engine, MySQL Datatypes, MySQL Operators, MySQL Function, Accessing Database in PHP, Updating Database, Creating a new Database, Working with Data, Joins.		
PART – A		
1.	List out primary subsystems of MySQL architecture	Remembering
2.	Write about support components	Understanding
3.	List out MySQL Functions	Remembering
4.	Classify MySQL Operators	Applying
5.	Discuss MySQL Data Types	Understanding
6.	Write about Insert and update commands in MySQL	Understanding
7.	How to write alias Table and column names in MySQL	Analyzing
8.	How to copy records in MySQL	Analyzing
PART –B		
1.	Identify and Discuss the Overiew of the MySQL Architecture	Analyzing
2.	List Out and Explain various components of MySQL engine	Remembering
3.	Discuss various MySQL Data Types and Operators	Understanding
4.	Describe MySQL Functions and Operators in detail	Understanding
5.	Explain how to access a Database in PHP	Understanding
6.	Illustrate the process of creating and updating a database in PHP	Applying
7.	Determine how to work with data in PHP	Creating
8.	Classify and Explain various Joins in PHP	Remembering