

Hall Ticket Number:

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Code No. : 16136 AS (G)

VASAVI COLLEGE OF ENGINEERING (AUTONOMOUS), HYDERABAD

Accredited by NAAC with A++ Grade

B.E. VI-Semester Advanced Supplementary Examinations, August-2022

Introduction to Web Application Development (OE-IV)

Time: 3 hours

Max. Marks: 60

Note: Answer all questions from Part-A and any FIVE from Part-B

Part-A (10 × 2 = 20 Marks)

Q. No.	Stem of the question	M	L	CO	PO
1.	Differentiate between a Web Server and Web Application.	2	2	1	1
2.	Differentiate between Internal Style Sheets and External Style Sheets	2	2	1	1
3.	Write a JavaScript to define a function to swap two numbers.	2	3	2	2
4.	Write a java script to check a given number is prime or not?	2	3	2	2
5.	How to define a variable accessible in functions of a PHP script?	2	1	3	1
6.	How to pass a variable by reference in PHP?	2	1	3	1
7.	Write the importance of using Filters in PHP.	2	1	4	1
8.	Write the differences between GET and POST methods	2	2	4	1
9.	What is Unit Testing in PHP?	2	1	5	1
10.	Mention the significance of PHP frameworks.	2	2	5	1
Part-B (5 × 8 = 40 Marks)					
11. a)	Design the static web page that display a marks table with three rows and three columns as shown below: ----- Marks1 Marks2 Marks3 ----- 78 67 89 91 88 87 -----	4	3	1	2
b)	Explain different types of cascading style styles with suitable examples	4	1	1	1
12. a)	Write a Java Script code to generate the current date in words format "Day, Month Date, Year". (Hint: Friday, July, 2022)	4	3	2	2
b)	Discuss about the Control Structures used in JavaScript.	4	1	2	1
13. a)	Explain the user-defined functions in PHP with an example.	4	2	3	1
b)	Write a PHP Code to determine whether a given number is an "PERFECT NUMBER" or not. [Eg: 6 is a perfect number, since its factors including 1 (but not the number itself) sum to the number i.e., 1+2+3 = 6]	4	3	3	2

Contd... 2

14. a)	Explain with an example program how to connect to a SQL Server database from a PHP script.	4	3	4	1
b)	Write a PHP script to define a Bank Account class.	4	3	4	2
15. a)	Discuss the advantages of using a framework to build a PHP application, instead of writing the code from scratch.	4	2	5	1
b)	Explain what is MVC? Explain each component in the architecture of the MVC.	4	2	5	1
16. a)	Create a HTML document that displays a table of basketball scores at national games in which the team names have their respective team colors. The score of the leading/winning team should appear larger and in a different font than the losing team. Use CSS.	4	3	1	2
b)	Write a script that inputs several lines of text and a search character to determine the number of occurrences of the character in the text.	4	3	2	2
17.	Answer any <i>two</i> of the following:				
a)	What is the difference between explode () and split () functions in PHP? Explain with an example.	4	2	3	1
b)	Explain with an example, how the 'email' function is used in PHP.	4	2	4	1
c)	Discuss how a PHP application is deployed.	4	2	5	1

M : Marks; L: Bloom's Taxonomy Level; CO; Course Outcome; PO: Programme Outcome

i)	Blooms Taxonomy Level – 1	20%
ii)	Blooms Taxonomy Level – 2	40%
iii)	Blooms Taxonomy Level – 3 & 4	40%

VIth Sem
CSE
OK