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Code No. : 15157 (H) N/O

VASAVI COLLEGE OF ENGINEERING (AUTONOMOUS), HYDERABAD

Accredited by NAAC with A++ Grade

B.E. V-Semester Main & Backlog Examinations, Jan./Feb.-2024**Web Design (OE-III)**

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.	What is the significance of MIME ?	2	2	1	1														
2.	Write HTML code to navigate to google page if an image (as hyperlink) is clicked.	2	2	1	1,3														
3.	Write CSS code to display text in blue color and position it to center of the page.	2	2	2	1,3														
4.	Differentiate between Inline and Internal CSS.	2	2	2	1														
5.	What is the purpose of Java Script?	2	1	3	1														
6.	Write statement to create an array in Java Script.	2	1	3	1														
7.	List XML parsers.	2	1	4	1														
8.	Which protocol does web server support?	2	1	4	1														
9.	What is a Cookie ? State the significance of Cookie.	2	2	5	1														
10.	List the steps involved in Session Tracking.	2	1	5	1														
Part-B (5 × 8 = 40 Marks)																			
11. a)	What is HTTP? Write HTML program to create a table as shown below and apply styles to display header in red color.	4	3	1	1														
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>ID</th> <th>Course</th> <th>Start Date</th> <th>End Date</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Python</td> <td rowspan="2" style="text-align: center;">11.05.2023</td> <td style="text-align: center;">18.05.2023</td> </tr> <tr> <td>2</td> <td>C++</td> <td rowspan="2" style="text-align: center;">25.05.2023</td> </tr> <tr> <td>3</td> <td>Java</td> <td style="text-align: center;">20.05.23</td> </tr> </tbody> </table>						ID	Course	Start Date	End Date	1	Python	11.05.2023	18.05.2023	2	C++	25.05.2023	3	Java	20.05.23
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1	Python	11.05.2023	18.05.2023																
2	C++		25.05.2023																
3	Java	20.05.23																	
b)	What is format of URL? Write HTML code to create an ordered list, unordered list, and nested list.	4	3	1	1														

12. a)	Explain different types of selectors in CSS with an example.	4	2	2	1
b)	Write external CSS program to display an image as background, border color red, header in Verdana and text content in yellow color.	4	3	2	1,2,3
13. a)	What is DOM? Explain different Java Script objects with an example.	4	2	3	1,2
b)	Write JavaScript code to print multiplication table for a given number.	4	3	3	1,2,3
14. a)	Draw and explain three-tier architecture.	4	2	4	1
b)	Write XML file and DTD document to represent the details of an employee.	4	3	4	1,2,3
15. a)	Why PHP? Write PHP program to print prime numbers between 1 to 100.	4	3	5	1
b)	Write a PHP program to read the data from a form and store in mysql database. The form contains username, email and password fields.	4	3	5	1,2,3
16. a)	Write HTML program to create a form with username, emailid, course (a dropdown list) and option to upload a resume.	4	3	1	1,2,3
b)	Explain box model in CSS.	4	1	2	1
17.	Answer any <i>two</i> of the following:				
a)	Write JavaScript function to validate a username. Username should accept only alphabets with minimum 2 characters and maximum 10 characters.	4	3	3	1,2,3
b)	Write XML schema to represent an xml file with student information.	4	2	4	1
c)	Write a PHP program to declare an array of strings and display them.	4	3	5	1,2,3

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

i)	Blooms Taxonomy Level – 1	20%
ii)	Blooms Taxonomy Level – 2	36%
iii)	Blooms Taxonomy Level – 3 & 4	44%
