Time: 3 hrs.

Full Mark: 75
Pass Mark: 30

1. Answer all questions. Each question carries 1 mark.   (1x10=10)

i) Attribute needed to link one web page to another webpage is_____ .

    a) href   b) fref
    c) icon   d) accept

ii) Which of the following property is used to control the space between the border and content in a table?

    a) border   b) padding
    c) margin   d) resize

iii) Which of the following programming languages is commonly used for server-side scripting in web development?

    a) HTML   b) CSS
    c) JavaScript   d) PHP

iv) Which of the following is the correct syntax to write a PHP code?

    a) <?php ?>   b) < php >
    c) < ? php ?>   d) <? ?>

v) What is correct syntax to create an array in JavaScript?

    a) names= new Array("tom","jerry");
    b) names= new Array{1:"tom",2:"jerry"};
    c) names= new Array{"tom","jerry"};
    d) names= new Array["tom","jerry"];

vi) What will be the output of the following JavaScript code?

```
<p id="demo"></p>
<script>
function myFunction()
{
  var num = 3+2;
  var n = num.valueOf()
document.getElementById("demo").innerHTML = n;
}
</script>
```

    a) 5   b) 3+2
    c) Error   d) Undefined

vii) What is PHP?

    a) PHP is an open-source programming language

b) PHP is used to develop dynamic and interactive websites
c) PHP is a server-side scripting language
d) All of the mentioned

(viii) By applying an _____ a style can be applied to just a single tag.
a) class rule   b) element rule
c) id rule   d) none of the mentioned

(ix) Which of the following pops up an alert box?
a) alert("Hello World")   b) show("Hello World")
c) msgBox("Hello World")   d) pop("Hello World")

(x) Correct syntax for creating a link to a webpage is_____
a) The Link
b) The Link
c)
d)

2. Answer any 5 questions. Each question carries 2 marks.   **(2x5=10)**
i) What is HTML? How do you change the color of background and text in HTML?
ii) What is CSS? Mention the various properties of CSS.
iii) Write a program in Java Script to print factorial.
iv) How do you make headings and text larger or smaller?
v) Write a program to find sum and multiply of two numbers using JavaScript.
vi) How do we create a function using function constructor?
vii) Write a PHP program to reverse a string.
viii) What do you mean by column spanning and row spanning?

3: Answer any 5 questions. Each question carries 5 marks.   **(5x5=25)**
i) What is a variable? List the rules and conventions used to declare a variable in PHP?
ii) What is the purpose of Class selector? How many types of selector are there?
iii) Justify the Common Gateway Interface (CGI) with neat Diagram.
iv) What is PHP array and explain its types with example?
v) Explain string.operator in PHP with examples
vi) What are the different types of bullets available on an unordered list? How are they created?
vii) What are functions in JavaScript? Write syntax to create a function.
viii) Differentiate between FTP and HTTP.

4. **Answer any 3 questions. Each question carries 10 marks.** (3x10=30)

i) What are the advantages of PHP over other scripting languages? List the various features of PHP

ii) Write the HTML code to create the below table.

SL.No.	ITEMS	QTY	PRICE(RS)		TOTAL(RS)
1.	NOTEBOOK	10	35		350
2	PEN	2	20		40
3	ERASER	1	5		5
4.	PENCIL	5	5		25
			SUBTOTAL		420
		TAX	12%		50
	TOTAL PAYABLE AMOUNT(RS)				470

iii) Create a HTML Document with JavaScript code that has three Textboxes and a button. The details should be accepted using textboxes are principal, rate of interest, and duration in years. When user clicks the OK Button a message box appears showing the simple interest of principal amount.

iv) How to reset Array in PHP? Explain the two methods used with example.

v) Write in details about Web Page Design consideration and principles.