

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

**B.M.S. COLLEGE FOR WOMEN**  
**BENGALURU – 560004**

**V SEMESTER END EXAMINATION – JAN/FEB – 2024**

**B.C.A. - WEB PROGRAMMING**  
**(NEP Scheme 2021-22 Onwards)**

**Course Code: BCA5DSC15**  
**Duration: 2 ½ Hours**

**QP Code: 5047**  
**Max. Marks: 60**

*Note: Answer all the sections.*

**SECTION – A**

**Answer any TEN questions. Each question carries TWO marks. (10X2=20)**

1. What is window object? List 4 top level objects in JavaScript hierarchy.
2. How to register an event handler in DOM 2?
3. Expand URL. Write an example with different parts of URL.
4. What is z-index?
5. Contrast between HTML and XML.
6. Define namespace in XML.
7. Name the function to add a new node as the last child of a document. Write its syntax.
8. How do you declare a constant in PHP?
9. What type of operator is “===”? Write its use.
10. What are the return values of var\_dump()? and write an example.
11. Differentiate between echo and print.
12. When are blur and focus fired in JavaScript?

**SECTION – B**

**Answer any SIX questions. Each question carries FIVE marks. (6X5=30)**

13. Explain visibility property. Write a program to demonstrate CSS visibility property of an image.
14. Illustrate event bubbling with an example program.
15. Describe different ways of accessing form elements.
16. Explain file locking for multiple access.
17. Consider the following conditions and write a PHP program.
  - a. Declare two local variables with values assigned to it.
  - b. Declare one global variable with a value.
  - c. Declare one constant with a value.
  - d. Pass global variable as an argument to the function.
  - e. Write a function to add all the above and return the result.
  - f. Display the result.

18. Explain associative arrays in PHP. List any two super global associative array variables.
19. Write a program to set background colour of web page based on days of week using switch-case statement.
20. How to place an element using different positioning.

### SECTION – C

**Answer any ONE question. Each question carries TEN marks. (1X10=10)**

21. Write a note on the following:
  - a. MIME
  - b. Mousedown event
  - c. Ternary operator
  - d. Cookie
  - e. date()
22. Write a program to write the text to the file at the offset 50 from current position of the file pointer. Then, rename the file with bmscw.txt. Create a clone of the file and finally close it.
23. Imagine that you are a web developer. Create a web page with student form with the following details.
  - a. Name
  - b. Course
  - c. Address
  - d. Profile picture

Write PHP code to store all the four values in the STUDENT table, retrieve the picture from the table and display it back on the web page.

\*\*\*\*\*