

Reg. No .....

Name .....

23U406

**B C A DEGREE END SEMESTER EXAMINATION : MARCH 2023**  
**SEMESTER 4 : MOBILE APPLICATIONS AND CLOUD TECHNOLOGY**

**COURSE : 19U4CRBCA12: WEB TECHNOLOGIES**

*(For Regular - 2021 Admission and Improvement / Supplementary - 2020 / 2019 Admissions)*

Time : Three Hours

Max. Marks: 75

**PART A**

**Answer All (1 mark each)**

1. Write about NULL data type in PHP.
2. Define getElementById() function.
3. Write the syntax for creating an array in Java script.
4. List any three values of *type* property of unordered list.
5. What is user defined function?
6. Write about *cellpadding*.
7. Which action returned by \$("p").hide() in jQuery?
8. XML does not use pre-defined tags. Justify.
9. Write the speciality of *Method* attribute of <Form> tag.
10. Define block scope.

**(1 x 10 = 10)**

**PART B**

**Answer any 8 (2 marks each)**

11. Explain the purpose of DTD in detail.
12. Define the global array \$\_GET.
13. Define function scope in Java Script with example.
14. How does an array returning a value? Write a sample code to return a value from a function in PHP.
15. Write a sample code for checking the given cookie is enabled or disabled.
16. **XML Schemas are More Powerful than DTD. Discuss.**
17. Find the value of x.  
x = "5" + 2 + 3;
18. Explain about <head> and <title> tags with sample code.
19. What are the speciality of NULL value in PHP?
20. Define attribute of a tag. List out its purpose and use.

**(2 x 8 = 16)**

**PART C**

**Answer any 5 (5 marks each)**

21. Write a program in PHP using default argument.
22. Distinguish between array and object.
23. Write a PHP program to keep track of the number of visitors visiting the web page and to display this count of visitors, with proper headings.
24. Compare procedural oriented MySQLi with object oriented MySQLi.

25. Compare XML with DTD and schema.
26. What are the advantages and disadvantages of *<frame>* tag?
27. Define array and three types of creation of it in java script.

**(5 x 5 = 25)**

**PART D**

**Answer any 2 (12 marks each)**

28. Define AJAX technology. Distinguish between synchronous and asynchronous communication. Draw and define the block diagram of AJAX technology with XMLHttpRequest object.
29. Write a program to create an appropriate table using `<table>` with the attributes `colspan`, `rowspan`, `cellpadding`, and `cellspacing`.
30. Write a PHP program to login as an admin and delete the details of a student from the university data file.
31. Explain in detail about the data types available

**(12 x 2 = 24)**