B Sc DEGREE END SEMESTER EXAMINATION - JULY 2021
SEMESTER 4 : COMPUTER APPLICATION
COURSE : **19U4CRCAP7 -ADVANCED WEB TECHNOLOGY**
(For Regular - 2019 Admission)

Time : Three Hours   Max. Marks: 75

PART A
Answer All (1 mark each)

1. Write about *<!DOCTYPE >* declaration.
2. XHTML Attribute minimization is forbidden. Justify.
3. Write a code for creating a class-selector.
4. Write the syntax for creating an array in Java script.
5. Find the output.
   ```
   var car;
   alert(typeof car);
   ```
6. Javascript uses .... keyword to delcare variable.
7. Define array in PHP?
8. Define krsort().
9. Discuss about the use of operator === in PHP.
10. PDO works on .... different database systems.

                                                                                                (1 x 10 = 10)

PART B
Answer any 8 (2 marks each)

11. Describe any five HTML formatting tags.
12. Write a code for creating mark sheets of three students using <Table>.
13. Define External CSS stylesheet.
14. XML simplifies things. Justify.
15. Java script can declare many variables in one statement. Justify.
16. Find the value of carName.
    ```
    var carName = "Volvo";
    alert(carName);
    ```
17. Clarify the difference between the operators == and === in PHP. Differentiate between do-while and while-do loop in PHP.
18. What is an indexed array? Write a code to create an indexed array.
19. Differentiate between cookie and session.
20. Write a sample code for modifying and displaying cookie.

                                                                                                (2 x 8 = 16)

PART C
Answer any 5 (5 marks each)

21. Write a program to create a table to show your class time-table.
22. Compare XML with DTD and schema.
23. Discuss about block scope, function scope and global scope.
24. Write a program in Java script to create a simple calculator.
25. What can PHP do?
26. Explain Arrays and different types of arrays in PHP.
27. Discuss about PHP-MYSQL connection using PDO.

                                                                                                (5 x 5 = 25)

PART D
Answer any 2 (12 marks each)

28. Define <frame> tag. Explain its purpose and advantages. Write a program for displaying three files horizontally and vertically using frame.

29. Define CSS style sheet. Explain about the different types of style sheet with samples.

30. Write a JavaScript program to create a drop-down list which contains the strings like element selector, #id selector, .class selector, this selector. When any option is chosen from the list, hide action will be taken place using jQuery.

31. Write a PHP program to enter the customer details (customer no., name, place, email-ID & phone no.) through a webpage and display them in a tabular form in the next page.

(12 x 2 = 24)

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