

**B. Sc. DEGREE END SEMESTER EXAMINATION – JULY 2021****SEMESTER – 4: COMPUTER APPLICATIONS (CORE COURSE)****COURSE: 15U4CRCAP8 – ADVANCED WEB TECHNOLOGY**

*(Common for Improvement 2018 admission / Supplementary 2018/2017/2016/2015 admissions)*

Time: Three Hours

Max. Marks: 75

**PART A**Answer **All** questions. Each question carries **1** mark.

1. What is a URL? Give an example.
2. What do you mean by static Web page?
3. What is a Web server?
4. What is an empty tag? Give example.
5. What is the purpose of echo command in PHP?
6. What is the use of max() function in PHP?
7. What is the purpose of background-color property?
8. Name any two attributes for styling fonts.
9. What is the purpose of <keygen> tag?
10. What is \$\_SESSION in PHP?

(1 x 10 = 10)

**PART B**Answer any **eight** questions. Each question carries **2** marks.

11. Write an HTML code to generate radio buttons in HTML.
12. What is <audio> tag in advanced HTML?
13. What are the rules for naming a variable in PHP?
14. What is the purpose of die() in PHP?
15. Differentiate sort() and rsort() in PHP.
16. Explain <article> tag in HTML.
17. Explain the form attribute action with an example.
18. What is the use of <svg> tag in HTML?
19. What is the purpose of geolocation in HTML 5?
20. List the different types of numeric data types in MySQL.

(2 x 8 = 16)

**PART C**Answer any **five** questions. Each carries **5** marks.

21. How will you create hyperlinks in HTML? Give an example program.
22. Write an HTML script to create a table with two columns Name and Salary and two rows for the table.
23. What are the advantages 5 of using CSS while designing a web page?

24. How will you pass parameters to a function in JavaScript? Give example.
25. Explain associative arrays in PHP.
26. Explain the use of \$\_GET with an example program.
27. Explain cookie management in PHP.

(5 x 5 = 25)

**PART D**

Answer any **two** questions. Each carries **12** marks.

28. Explain unordered lists, ordered lists and definition lists with examples.
29. Briefly explain various events in JavaScript with example programs.
30. Explain the decision making statements with example programs.
31. Explain with an example program how you will insert a record into an employee table in MySQL from PHP.

(12 x 2 = 24)

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