Reg. No ....   Name **25U629**

B C A DEGREE END SEMESTER EXAMINATION - MARCH 2025

SEMESTER 6 : MOBILE APPLICATIONS AND CLOUD TECHNOLOGY

COURSE : **19U6CRBCA18 : WEB TECHNOLOGY AND VALUE ADDED SERVICES IN MOBILE**

(For Regular 2022 Admission and Supplementary 2021/2020/2019/2018/2017/2016 Admissions)

Time : Three Hours   Max. Marks: 75

PART A
Answer All (1 mark each)

1. Describe the length property of the window object.
2. What kind of authentication process does the direct mobile billing method uses?
3. What are the characteristics of Missed call alerts?
4. What is the syntax of RegExp?
5. Which event is executed when you reload a web page?
6. Which method returns the index value of the first instance of the searched element in an array?
7. What is the conditional (?) operator in JavaScript?
8. What is linking of video content workflow?
9. Describe the innerHeight/innerWidth property of the window object.
10. What is a content management system?

                                                                                        (1 x 10 = 10)

PART B
Answer any 8 (2 marks each)

11. Explain Value Added Services with examples.
12. What are the features of the SIM application tool kit?
13. Describe mobile content management system with an example.
14. Describe about Pagination UI element in JS.
15. What are the form control objects in JavaScript?
16. Describe about lastIndexOf() string object method with its syntax.
17. Describe about charCodeAt() string object method with its syntax.
18. What are the functions performed by a CMS?
19. Explain the If- else statement in JavaScript with an example.
20. What are the characteristics of short message service?

                                                                                        (2 x 8 = 16)

PART C
Answer any 5 (5 marks each)

21. Explain the types of scripting languages.
22. Describe about the form validation in JavaScript.
23. Illustrate the use of frames property of the window object.
24. Describe about the modifiers used with RegExp.
25. What are the advantages and disadvantages of M Commerce?
26. Distinguish between the characteristics of SMS and MMS.
27. Explain MCMS with an example.

                                                                                        (5 x 5 = 25)

PART D
Answer any 2 (12 marks each)

28. Explain briefly about the issues in M-Commerce.

29. Explain the relationship between a Document Object Model and HTML with sample code.

30. Describe about DRM and the function architecture of DRM in detail.

31. Write a JavaScript program to read two numbers. Perform addition, substraction, multiplication, division and display the result. (Use JS functions)

(12 x 2 = 24)