

Reg. No .....

Name .....

**BCA DEGREE END SEMESTER EXAMINATION - MARCH 2020**  
**SEMESTER 6 : MOBILE APPLICATIONS AND CLOUD TECHNOLOGY**  
**COURSE : 16U6CRBCA18 : WEB TECHNOLOGY AND VALUE ADDED SERVICES IN MOBILE**  
**(Common for Regular 2017 Admission & Supplementary 2016 /2015 Admissions)**

Time : Three Hours

Max. Marks: 75

**Section A**  
**Answer All (1 marks each)**

1. Explain the concept of M Commerce.
2. Which are the two government institutions that manage the telecommunications industry in India?
3. What is a electronic content management system?
4. What is indexing of video content workflow?
5. Which method returns an exponential value of the specified number?
6. Which method returns the index value of the first instance of the searched element in an array?
7. Which is the outermost element of the DOM hierarchy?
8. Which document object method inserts a newline character after every statement?
9. Describe the frameElement property of the window object.
10. Which UI element enables you to search for the content in the same category?

(1 x 10 = 10)

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

11. What are the three types of M-Commerce transactions?
12. Describe briefly about mobile ticketing.
13. What are the SIM application tool kit layers for implementation?
14. Explain atleast five products of mobiQuest.
15. What is server side scripting?
16. Describe about new operator in JavaScript.
17. What are the basic features of JavaScript?
18. Describe how to declare a namespace in JavaScript.
19. Describe the focus() and moveTo() method of the windows object.
20. Describe about Tooltip and Message box UI element in JS.

(2 x 8 = 16)

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

21. Describe about the reasons for the growth of mobile VAS in India.
22. Describe about the characteristics of Mobile TV and OTT services?
23. Describe CMS reporting.

24. Explain the JavaScript array() objects with their properties.
25. Explain five methods of the document object, with their syntax and examples?
26. Explain the window object and its commonly used five methods.
27. Describe about form handling in JavaScript.

(5 x 5 = 25)

#### **Section D**

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

28. Explain briefly about the issues in M-Commerce.
29. Describe about the CMS architecture with the help of the conceptual model of a CMS.
30. Write a JavaScript program to read marks of five subjects and find the grade. (Use switch case)
31. Discuss briefly on HTML DOM event categories a)Mouse events b)Keyboard events c)Form events d)Clipboard events e)Drag events f)Media Events

(12 x 2 = 24)