

Total No. of Questions : 8]

SEAT No. :

PC2415

[6354]-533

[Total No. of Pages :2

B.E. (Electronics/E & TC)

JAVA SCRIPT

(2019 Pattern) (Semester- VII) (Elective - III) (404184C)

Time : 2½ Hours]

[Max. Marks : 70

Instructions to the candidates:

- 1) Attempt Q1 or Q2, Q3 or Q4, Q5 or Q6, Q7 or Q8.
- 2) Neat Diagrams must be drawn wherever necessary.
- 3) Figures to the right indicate full marks.
- 4) Assume suitable data for writing program, if necessary.

- Q1)** a) Explain the Mask out with respect to Functions in Java Script. [6]
b) Explain how function is used as object in Java Script. [6]
c) How Arrays can be used as Stacks and Queues in Java Script. [6]

OR

- Q2)** a) What is Anonymous Function ? Explain with example. [6]
b) Explain different types of Objects. [6]
c) List the various methods of Math object. Explain any one with Example. [6]

- Q3)** a) What are Common character classes in Regular Expressions? [6]
b) Write a short note on Advanced Regular Expressions. [6]
c) List String Methods for Regular Expressions and explain any one of them. [5]

OR

- Q4)** a) Explain search() and split() method used in regular expression with suitable example. [6]
b) Explain the repetition quantifiers in regular expression with suitable example. [6]
c) Describe the term Greedy Matching in regular expression with example. [5]

- Q5)** a) List different DOM methods used for accessing elements. Explain any two with suitable example. [6]
b) Explain in detail Netscape 4 event model. [6]
c) Describe how to create, insert and append nodes in DOM. [6]

OR

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- Q6)** a) Describe the terms DOM and HTML elements. [6]
b) Explain event and event handler with an example. [6]
c) Describe different event model issues. [6]

- Q7)** a) Describe with example the methods alert() and confirm() of Window object. [6]
b) Explain Common Window Properties Related to Frames. [6]
c) Write a short note on Form Usability and Java Script. [5]

OR

- Q8)** a) Describe the term controlling window. Enlist different window methods with use. [6]
b) Write a Java Script code for a simple calculator using Java script for operations like addition, multiplication, subtraction, division, square of a number etc. [6]
c) List and explain different properties and methods used in location object. [5]