

Total No. of Questions : 8]

SEAT No. :

PD4623

[Total No. of Pages : 2

[6404]-129

B.E. (E&TC) (Electronics)

JAVASCRIPT

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

Time : 2½ Hours]

[Max. Marks : 70

Instructions to the candidates:

- 1) Answer Q.1 or Q.2, Q.3 or Q.4, Q.5 or Q.6, Q.7 or Q.8.
- 2) Neat diagrams must be drawn wherever necessary.
- 3) Figures to 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) List the 6 Repetition Quantifiers with their meaning. Explain any 2 with example. **[6]**
b) Explain Static Properties of the RegExp Class Object. **[6]**
c) Describe Limitations of Regular Expressions. **[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

P.T.O.

- 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) Explain Browser Object Model with suitable diagram. [6]
b) What is frame and explain the HTML tags to create frames and how to change the properties of the frame. [6]
c) Create a student information Form to accept information like Name Address, City, State, Gender, Mobile Number and email id. [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]

