

Total No. of Questions : 4]

**P5238**

SEAT No. :

[Total No. of Pages : 2

**[6188]-193**

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

**JAVA SCRIPT**

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

*Time : 1 Hour]*

*[Max. Marks : 30*

*Instructions to the candidates:*

- 1) Answer Q.1 or Q.2, Q.3 or Q.4.
- 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)** Describe the four ways to include JavaScript in HTML. **[5]**

**b)** Explain the various comparison operators in JavaScript. **[5]**

Write a simple JavaScript code to show use of “ = = ” and “ = = = ” operators.

**c)** What is Regular Expression in JavaScript? Explain with Example. **[5]**

OR

**Q2) a)** Explain different features of Java Script. **[5]**

**b)** List Data Types in JavaScript and explain each with example. **[5]**

**c)** Which are the Input Output functions in JavaScript, explain each with example. **[5]**

**Q3) a)** What are different looping statements in Java Script? Elaborate any one using Java Script program. **[5]**

**b)** Explain Objects in JavaScript and list different javaScript inbuilt objects. **[5]**

**c)** Describe Bitwise operators and Bitwise shift operators with example in JavaScript. **[5]**

OR

**P.T.O.**

- Q4)** a) What is “**typeof**” operator? List different values returned by “**typeof**” operator. [5]
- b) Explain undefined and null in JavaScript. [5]
- c) What is for—in loop in Java Script? Write a Java Script program to explain the concept. [5]

