2020/EVEN/SEM/BVOC–GE–602/277

TDC Even Semester Exam., 2020

B.Voc
(Information Technology)

(6th Semester)

Course No. : BVOC-GE–602

(Javascript)

Full Marks : 70
Pass Marks : 28

Time : 3 hours

*The figures in the margin indicate full marks
for the questions*

Answer *any* **five** questions

UNIT—I

1. What is Javascript? Write different features of Javascript. Explain the nature of Javascript. 1+6+7=14

2. Define lexical structure. Explain different Javascript data types with examples. 1+13=14

(2)

UNIT—II

3. What is an operator? Explain all the operators which are supported by Javascript. 1+13=14

4. Write short notes with example on the following conditional statements for decision making in Javascript : 2×7=14

(a) "if" statement

(b) "if-else" statement

(c) "while" statement

(d) "break" statement

(e) "continue" statement

(f) "switch" statement

(g) "for" statement

UNIT—III

5. *(a)* Define array with example. Explain array properties and method. 2+4=6

(b) Write the syntax with example : 2×4=8

  (i) Creating a Javascript array

  (ii) Adding new elements

  (iii) Deleting array elements

  (iv) Accessing the array elements

(3)

6. *(a)* What is Javascript function? Illustrate with example how to create a function in Javascript. 2+3=5

(b) Write a Javascript program to handle Mouse Listener events. 9

UNIT—IV

7. What is jQuery? Why jQuery is used in Javascript? Write the advantages and disadvantages of jQuery. Explain four jQuery methods that are used to add new content in a page. 2+4+4+4=14

8. What are events? Explain commonly used jQuery event methods with example. 2+12=14

UNIT—V

9. Define jQuery AJAX() method. Describe all the options available for configuring AJAX request. 2+12=14

10. *(a)* Give a brief description on loading data with GET and POST (jQuery-AJAX get() and post() methods). 7

(b) Write uses of the following JSON methods with example : 7

  (i) JSON stringify

  (ii) JSON pause

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