

**2024/TDC (CBCS)/EVEN/SEM/
BVOCGEC-602T/404**

TDC (CBCS) Even Semester Exam., 2024

**Bachelor of Vocational Course
(Information Technology)**

(6th Semester)

Course No. : BVOCGEC-602T

(Java Script)

Full Marks : 70

Pass Marks : 28

Time : 3 hours

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

UNIT—I

1. (a) What are the essential features of JavaScript? 4
- (b) Define Lexical structure with example. 4
- (c) Explain the different types of datatypes used in JavaScript. 6

OR

2. (a) What are the uses of JavaScript? 4

(2)

- (b) Briefly explain client-side JavaScript. 4
- (c) What are the types of comments in JavaScript? What are the benefits of using comments in JavaScript? 2+4=6

UNIT—II

3. (a) Explain the different types of operators supported by JavaScript. 8
- (b) What are the ways to create an object in JavaScript? 6

OR

4. (a) Write short notes with examples on the following : 3×3=9
- (i) While conditional statement
 - (ii) For conditional statement
 - (iii) Do while conditional statement
- (b) Differentiate between break and continue statement. 5

UNIT—III

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

(3)

- (b) Write the syntax of the following with example : 2×4=8
- (i) Creating JavaScript array
 - (ii) Adding new elements
 - (iii) Deleting array elements
 - (iv) Accessing the array elements

OR

6. (a) What is JavaScript function? Explain with example how to create a function in JavaScript. 1+6=7
- (b) Write JavaScript code to handle Mouse Listener events. 7

UNIT—IV

7. (a) What is jQuery? Why jQuery is used in JavaScript? 1+2=3
- (b) Write the advantages and disadvantages of jQuery. 4
- (c) Explain four jQuery methods that are used to add new content in a page. 7

OR

8. (a) What are events? 2
- (b) Write the jQuery syntax for event methods. 2
- (c) Explain commonly used jQuery event methods with example. 10

UNIT—V

9. (a) Define jQuery AJAX() method. 2
- (b) List some AJAX functions. 2
- (c) Describe the different options available for configuring AJAX request. 10

OR

10. (a) Give a brief description on loading data with GET and POST (jQuery – AJAX get() and post() methods). 8
- (b) Write uses of the following JSON methods with example : $3 \times 2 = 6$
- (i) JSON.stringify
- (ii) JSON.parse

★ ★ ★