

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BSc DEGREE EXAMINATION DECEMBER 2024
(Fourth Semester)

Branch – ELECTRONICS

WEB DESIGNING USING JAVASCRIPT

Time: Three Hours

Maximum: 50 Marks

SECTION-A (5 Marks)

Answer ALL questions

ALL questions carry EQUAL marks

(5 x 1 = 5)

- 1 How do you assign values to variables in JavaScript?
(i) Using the : operator (ii) Using the = operator
(iii) Using the -> operator (iv) Using the => operator
- 2 How many types of operators are there in JavaScript?
(i) 2 (ii) 3
(iii) 4 (iv) 5
- 3 What is the term used for naming an array in JavaScript?
(i) Identifier (ii) Variable
(iii) Index (iv) Element
- 4 What is the term used for naming a function in JavaScript?
(i) Variable (ii) Parameter
(iii) Identifier (iv) Argument
- 5 What method is used to change frames in JavaScript?
(i) navigateFrame() (ii) ChangeFrame()
(iii) SwitchFrame() (iv) SetFrame()

SECTION - B (15 Marks)

Answer ALL Questions

ALL Questions Carry EQUAL Marks

(5 x 3 = 15)

- 6 a Mention how to link java Script with a HTML Document.
OR
b What is a Variable? Mention the Rules for defining a Variable with example.
- 7 a Write the purpose of Enter Loop and Exit Loop.
OR
b Describe Switch case Statement in Java Script with example.
- 8 a Define Array and how to create arrays in JavaScript.
OR
b Analyze the concept of associative arrays in JavaScript.
- 9 a What are the functions in Java Script and how are they structured?
OR
b Differentiate call by value and call by reference.
- 10 a Describe the different types of Validation in Java Script.
OR
b How do you access and change frame in a website?

Cont...

SECTION -C (30 Marks)

Answer ALL questions

ALL questions carry EQUAL Marks

(5 x 6 = 30)

- 11 a Discuss the History of JavaScript and its uses.
OR
b Create a Framework for login page using HTML and JavaScript.
- 12 a Classify the Different Types of Operators in JavaScript.
OR
b Examine the syntax and functionality of conditional statements in JavaScript.
- 13 a Enumerate the process of accessing elements of an array in JavaScript with an example.
OR
b Enumerate the properties and methods of the array object in detail.
- 14 a Outline how to declare the code function in Java Script with an example.
OR
b Describe how to create HTML pages with Java Script using functions.
- 15 a Explain Form object in JavaScript with its properties and methods.
OR
b Discuss about String Handling in Java Script.

Z-Z-Z

END