

Seat No. **MAR_APR 2025 SUMMER EXAMINATION****11731 Bachelor of Technology (NEP-2.0)****Sub. Name: Java Script****Sub. Code: 83829/84055****Day and Date: MAY ,09-05-2025****Total Marks: 70****Time: 10:30 AM To 01:00 PM**

Instructions: 1. All questions are compulsory
2. Assume suitable data wherever necessary and mention it boldly
3. Figures to the right indicate full marks

Q1) Solve following MCQ.**[14]****i. Global variables are accessible:**

- A. Inside the function only
- B. In the scope where declared
- C. Throughout the entire script
- D. Only in global functions

ii. Which object stores only true or false values?

- A. String
- B. Boolean
- C. Number
- D. Object

iii. What is the keyword to define a function?

- A. def
- B. fun
- C. function
- D. void

iv. Which object represents the browser window in BOM?

- A. screen
- B. document
- C. navigator
- D. window

v. Which DOM method is used to select an element by ID?

- A. getElementByClass()
- B. getElement()
- C. getElementById()
- D. selectElementById()

vi. Which DOM property sets the content inside an element?

- A. innerHTML
- B. contentText
- C. textValue
- D. dataText

vii. Prototype is used in JavaScript for:

- A. Event handling
- B. Looping
- C. Inheritance
- D. Error handling

Q2) Q.2 Attempt any Two questions [14]

- a. Explain primitive and non-primitive data types in JavaScript. [7]
- b. Compare and contrast for, while, and do...while loops with syntax and example [7]
- c. What are objects in JavaScript? Explain the different ways of creating objects [7]

Q3) Q.3 Attempt any Two questions [14]

- a. Describe function objects and their properties [7]
- b. What are object events? List and describe any four commonly used JavaScript events [7]
- c. Explain various built-in function methods in JavaScript. [7]

Q4) Q.4 Attempt any Two questions [14]

- a. What is BOM in JavaScript? List and describe any four BOM objects [7]
- b. Explain the difference between a class and an object with examples [7]
- c. Define and explain the use of exception handling in JavaScript [7]

Q5) Q.5 Attempt any Two questions [14]

- a. Describe different methods of accessing DOM elements [7]
- b. Explain the concept of Object-Oriented Programming in JavaScript with example [7]
- c. Explain cookies in JavaScript. How are they created, read, and deleted? [7]

End Of Question Paper

Important Note for Chief Exam Officer / SRPD Coordinator / Sr Supervisor/ Student -

This Question Paper may be distributed for following Subjects as common code.

सदरची प्रश्नपत्रिका खालील विषयांकरिता वितरित करता येईल.

1] (101) Bachelor of Engineering (84055) Java Script Part 4 SEM 7

2] (1154) B.Tech. CBCS (83829) Java Script Part 4 SEM 7

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