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SECOND YEAR (BBACA)
BBA23405: JavaScript Programming
(Semester III)

Program: BBA(Computer Application)

Credits: 2

Program Specific: BBACA07

Course Type: VSC

Paper: -

Time: 2 Hours

Max. Marks: 30

SET: A

Instructions to the candidate:

- 1) All questions are compulsory.
- 2) Figures to the right indicate full marks.
- 3) Draw a well labelled diagram wherever necessary.

SECTION: A

Q1) Multiple choice question

[5 X 1= 5]

1. What is the output of typeof 42 in JavaScript?
a) string b) number c) Boolean d) object
2. Which keyword is used to declare a constant in JavaScript?
a) var b) let c) const d) static
3. Which method is used to convert a JSON object into a string in JavaScript?
a) JSON.parse() b) JSON.stringify()
c) JSON.convert() d) JSON.toString()
4. Which method is used to convert an array to a string in JavaScript?
a) join() b) split() c) concat() d) slice()
5. What is the correct way to create an async function?
a) function async myFunction() {} b) async function myFunction() {}
c) async: function myFunction() {} d) function myFunction() async {}

SECTION: B

Q2) Answer the following (Attempt any 5/7)

[5 X 1 =05]

1. What is the difference between let and const keywords?
2. What is use of == and === in JavaScript.
3. Write a short note on JavaScript Promises.
4. How does the includes() method work in JavaScript strings?
5. What does the const keyword do?
6. Explain the concept of hoisting in JavaScript.
7. Describe the filter() method in JavaScript arrays.

SECTION C

Q3) Answer the following/Write short notes on following (Attempt any 4/6)

[4X 4 = 16]

1. Describe the Math object in JavaScript.
2. Explain the structure of JavaScript program.
3. Which are different string methods? Explain.
4. Define Map , Filter ,Reduce And promises.

SECTION D

Q4) Answer the following (Attempt any 1/2)

[4 X 1 =4]

1. Create a simple calculator using JavaScript that performs addition, subtraction, multiplication, and division based on user input.
2. What are JavaScript events? Explain how event handling works in JavaScript with an example of handling a button click event.

NEP 2020