P P SAVANI UNIVERSITY

Fourth Semester of B. Tech. Examination

December 2022

SECE2100 Introduction to JavaScript

01.12.2022, Thursday Time: 01:00 p.m. To 03:30 p.m.

Maximum Marks: 60

Instructions:

- 1. The question paper comprises of two sections.
- Section I and II must be attempted in separate answer sheets.
 Make suitable assumptions and draw neat figures wherever required.
- 4. Use of scientific calculator is allowed.

(i) What is User defined function in JavaScript? (ii) What is the use of // in JavaScript? (iii) What is the use of &= in JavaScript? (iv) List any 5 keyword available in JavaScript. (v) What is the use of onAbort? (vi) What is screen object? (vii) Write a JavaScript code to check whether a given was leaved.	
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Q - 3 (b) Explain this keyword with in JavaScript with example. [05]	1
OR	
Q - 3 (a) List out data types in JavaScript. Explain any two with suitable example. [05] 2	2
Q-3 (b) Explain Local variable in function with suitable example. Q-4 Attempt Any One. [05] 2	1
Define loop. List available loop in JavaScript. Explain any one with suitable example.	1
(ii) Write JavaScript Program to Check whether a given number is Armstrong Number or not.	6
SECTION - II	
Q-1 Answer the Following: (MCQ/Short Question/Fill in the Blanks) [05]	
(1) What is the purpose of innertext property?	1
(II) What is the use of console.error?	
Write a JavaScript code to generate alert message in browser.	_
(IV) What is the use of [^]?	
List Window object methods.	
(vi) what is DOM?	1
(vii) What is the return value of an every() in context of an array?	2

Q - 2 (a)	What is user defined object? Explain user defined object with suitable example.	[05]	2	3			
Q-2(b)	What is BOM? List browser objects. Explain any one browser object.		2	1			
	OR						
Q-2(a)	List inbuilt object in JavaScript. Brief any two with suitable example.	[05]	1	1			
Q-2(b)	List window object property. Explain any two with suitable example.			1			
Q-3(a)	State difference between for loop and foreach loop in context of array in	[05]	4	4			
	JavaScript.						
Q-3(b)	Explain usage of innerHTML property in context of DOM with suitable example.	[05]	5	5			
OR .							
Q-3(a)	State difference between var and const in array with suitable example.	[05]	2	4			
Q-3(b)	Which are the methods of document object for finding elements? Brief any two with suitable example.		2	2			
Q-4	Attempt any one/two.	[05]					
(i)	Write a JavaScript code to perform sorting on array using compare function.		3	6			
(ii)	Demonstrate properties of an array with suitable example,		2	5			
The same in successive from	· · · · · · · · · · · · · · · · · · ·						

CO : Course Outcome Number

BTL : Blooms Taxonomy Level

Level of Bloom's Revised Taxonomy in Assessment

1: Remember	2: Understand	3: Apply		
4: Analyze	5: Evaluate	6: Create		