QP-3261

Seat No.

OP-3261

Total No. of Pages: 3

OCT_NOV_2024 WINTER EXAMINATION

12329 Bachelor of Computer Application (BCAsci) NEP 2.0 8
Sub. Name: Problem Solving Techniques
Sub. Code: 109809

		FEBRUARY ,18-02-2 M To 12:30 PM	2025 Total Marks: 60 A. post-increment operator				
Instruction	ns:	1. Figures to the righ	ht indicate full marks 2200 geralous en				
Special Ir							
opcolul 11	on Pa		questions from Q.No.2 to Q.No. 6.				
Q1) Solv	e foll	lowing MCQ.	ii. [01] 'break' k ters at cannot be simply used within A. do-white				
10 (12323) 10 (12323)	Whe	en an algorithm is w	vritten in the form of a programming language, it				
	becomes a .		C. for				
		. Flowchart	D. while				
	В	. Program					
		-Pseudo code	What is the purpose of return statemer car arturation?	xi			
	D	. Syntax	A. To declare the function's reuse and				
			B. To exit the program				
ii.	A sy	stem wherein items a	re added from one and removed from the other end.				
	A	. Stack	D. To define a function				
	-	. Queue					
			What is the highest index for amarray with 10 elements is				
	D	. Array	A. 5				
	1 /		8.9				
III.		2000.000.0000	structure no statement is skipped and no one is				
*		eated?	11.0				
		. Sequence	plantana pidatina diju apata minta mali Jawa dalam 2	700			
		. Selection	Explain problem solving steps with suitable example.	(20)			
		. Repetition	identify different kinds of repetitions in the problem.	(80)			
		. All	The second section and the second sec				
iv.	Ass	embly language is a _	level programming language. To its length the reliab as upod 0	Q4)			
		. High					
	В	. Low	Explain the process of binary search with suitable example.	(25)			
	C	. Machine	How to translate algorithm in C program? Illustrate with suitable	100			
	D	. None of these	пом ю валявае авропошень с рюдкант возваве мин волаов				
v.	ASC	Oll stands for	Write short notes (Any Four)	(70			
	A	. American Stable Co	ode for International Interchange	0			
	B. American Standard Case for Institutional Interchange						
			Code for Information Interchange				
	D	. American Standard	Code for Interchange Information				

-	One all late?	Seat No.				
	eegs9 to .oM IsloT					
vi.	The 1's complement of binary number 0101 is A 1001	VON TOO				
	12329 Bachelor of Computer Application (BCAsci) NEP 2 1110 .8					
	The state of the s	Sub. Na				
	Sub Code 100000					
	D. 1010					
	02-2025 Total Market Co.	Day and Date: FEBRUARY, 18-				
vii.	In the statement ++variable; ++ is used as	Time: 10:30 AM To 12:30 PM				
	A. post-increment operator	Instructions: 1 Figures to the				
	B. pre-decrement operator	out of country in the				
	C. pre-increment operator	Special Inst.: Que.t and Que.				
	D. post-decrement operator of S.OM.O mon enoused and	(IIIs It illustration				
	t to the state of	24) Solve following M.O				
viii.		. 10 Al Billiagues Called				
	A. do-while	When an allowers				
	B. if-else past onimmergory a to mot extra netting a	becomes a				
	C. for	A. Flowohart				
	D. while	B. Program				
	f. mation 2	C. Pseudo code				
ix.	What is the purpose of return statement in a function?	D. Syntax				
	A. To declare the function's return type	D. Oymax				
	B. To exit the program					
	C. To return a value from the function to mon babba sis a	A. Stack				
	D. To define a function	B. Queue				
	"It 40 elements in C"					
x.	What is the highest index for an array with 10 elements in C7	D. Array				
	A. 5	Ve D. MIRLY				
	В. 9	III. In which type of contr				
	of structure no statement is support and no 01000	. Ppeared?				
	D, 11	A. Sequence				
		noitsele2 [10]				
Q2) E	Explain problem solving steps with suitable example.	C. Repetition				
-	III the evolution	[10]				
Q3) I	dentify different kinds of repetitions in the problem.	1073 - 74				
	and in the second programming language	iv. [01] embly language is a				
Q4) [Discuss different generations of programming language.	A. High				
	- 1	[10]				
Q5)	Explain the process of binary search with suitable example.	C. Machine				
	How to translate algorithm in C program? Illustrate with suitable	example. [10]				
Q6)	How to translate algorithm in 6 program: made at the same	Seem to enour .c				
07)	Write short notes (Any Four)	pol abrusta ([20]				
Q7)		A American Stable				
	Role of Data Structures in Problem Solving	[5] A. American Stable C				
a.		American Standard				
b .	Operator Precedence and Associativity	mathematic registration [5]				
D.	Operator Precedence and Associativity	Manifest Hadifest A. A.				

1	Ć.	Flowchart Total No.	QP-3261 [5]
	d.	Characteristics of Algorithms	[5]
2	e.	Switch Case statement	[5]
	f.	Recursion	[5]

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] (12329) Bachelor Of Computer Application (NEP2.0)

(109809) Problem Solving Techniques

Part 1 SEM 1