Roll No.

Y – 3640 (A)

BCA (Fourth Semester) (SPECIAL) EXAMINATION,

August 2021

(SECOND CHANCE)

Paper – BCA 403

DATA STRUCTURE USING C++

Time : Three Hours

Maximum Marks : 80

Minimum Pass Marks : 32

Note—Attempt *all* questions.

Unit-I

1.	Explain any one of the followings—		
	(a) Stack and its operations.		5
	(b)	Recursion.	5
	(c)	Applications of Queue.	6
		Unit-II	
2.	Explain any one of the following—		
	(a)	Circular linked list.	8
	(b)	Polynomial manipulation.	8
		Unit-III	
3.	Explain any one of the followings—		
	(a)	Binary Tree.	5
	(b)	B+ tree	5
	(c)	Application of tree.	6
		Unit-IV	
4.	Explain any one of the following—		
	(a)	Spanning tree.	5
	(b)	PERT.	5
	(c)	Breath first search.	6
		Unit-V	
5.	Write short note on any one of the following—		
	(a)	File organization.	5
	(b)	Bubble Sort.	5
	(c)	Exchange Sort.	6

Y - 3640 (A)