Roll No. ....

Y – 3640

B.C.A. (Fourth Semester) EXAMINATION, May/June-2021

Paper – BCA-403

DATA STRUCTURE USING C++

Time : Three Hours

Maximum Marks : 80   *Minimum Pass Marks : 32*

Note—Attempt *all* questions. All questions carry equal marks.

Unit-I

1.   Define Array. Discuss Infix, Postfix, and prefix operations using stack.   16

Unit-II

2.   Define linked list and its operations. Also explain Application of linked list.

16

Unit-III

3.   Define Tree, discuss preorder and post order traversal methods.   16

Unit-IV

4.   Define Graph. Discuss Depth first search using suitable example.   16

Unit-V

5.   Explain Linear search. Describe with suitable example.   16