Code:3304/BL

Faculty of Science

B.Sc (Computer Science) II-Year, CBCS-III Semester Backlog Examinations, January 2021

PAPER: DATA STRUCTURES AND FILE PROCESSING

Time: 2 Hours

Max Marks: 80

I. Answer any **FOUR** of the following questions   (4x20=80 Marks)

1. Discuss the ways of implementations of Stack.

2. Convert the expression $(X*3+Y*3+Z*3) / (X+Y+Z)$ into postfix

3. Explain about the all operation performed on double linked list.

4. Explain in detail the operations performed on Queues.

5. Write about the binary tree traversals.

6. Explain Bubble sort and Insertion Sort will work trace them with suitable example.

7. Write about the collision resolution strategies

8. Discuss in detail about indexed sequential file operation.

*****