

ECHELON INSTITUTE OF TECHNOLOGY

Department of Computer Applications

Title of Assignment: Introduction To Operating System (BCA-DS-203)

Course: BCA (Data Science)
Date of Issue: 08 October, 2023
Course Unit Included: 4th
Session: 2023-24

Semester: 3rd
Date of Submission: 13 Oct, 2023
Assignment Number: 4th
Max. Marks: 20

CO-IV: On completion of this course, the student will be able to understand disk scheduling and different file handling schemes in OS.

Q.N.	Question's Statement	Bloom's Taxonomy Level	Course Outcome
1	Attempt all the questions: a) Define External Fragmentation. b) What do you mean by compaction? c) What do you mean by first fit and best fit? d) What is linked allocation?	BTL-1 BTL-1 BTL-1 BTL-1	CO-4
2	Elaborate about various file access methods. 1. Sequential 2. Direct 3. Other access methods	BTL-6	CO-4
3	Discuss various allocation methods in directory implementation.	BTL-2	CO-4
4	What are various free space management techniques?	BTL-1	CO-4

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Signature of Faculty