Department of Information Technology

Internal Assessment Examination –I (IAE-I)

[AUG] [2025]

TEIT ADSA

QUESTION BANK

Solve recurrence using Master's theorem, recursive tree

Greedy algorithm.

B tree n B+ Trees, difference

Red-Black Trees , properties

Optimal storage on Tape

Topological Sorting

Merge sort and Quick sort

fractional knapsack problem

Recurrence and its methods

Create a Red Black Tree

Find time complexity of code

Job sequencing

Asymptotic notations