

In-Class Exercise 3
Time 10 Mins.

ISYE482/582 Engineering Information Systems
Closed Books and Notes

Name:

20 Points

Construct a B+ index structure with the following key values: 7, 17, 21, 2, 13, 5, 11, 3, 9, 15, 23, 19. Assume $n=4$ pointers.

In the B+ index structure constructed with the key values above, perform the following operations sequentially and show the resulting index structures after each operation: (i) Insert 4, (ii) Delete 17. Show the pointer and key spaces clearly in the index structures and draw legibly.

