Lahore University of Management Sciences
Data Structures and Algorithms (CS 213)

Quiz 5B | 20 Points | Name: [blank] | ID: [blank] | Points: 20

Q. 1. Construct the 2-3 tree for the records corresponding to the following set of keys.
Assume that the size of a record is 164 bytes and that the block size is 512 bytes.
Ignore duplicates. Show all your work.

\[ S = \{ m, k, e, v, g, l, u, p, b, a, s, z, t \} \]

max number of records in a block = \( \frac{512}{164} = 3 \).