

B - Tree

Date: _____

- for large data set.
- A B-tree is similar to BST.
- It is a self-balancing search tree.

Properties :-

- ① It is perfectly balanced (every leaf node is at same depth).
- ② Min Children = $\lceil \frac{m}{2} \rceil$
- ③ Max Children = M
- ④ Min Key = $\lceil \frac{m}{2} \rceil - 1$
- ⑤ Max Key = M - 1