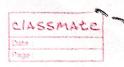


Q. 2: Which allows efficient insertion, deletion and Search operation. In B tice, keys and seconds can both be stoned in the istend and led node, wholes, in B+ trees, reads can only be Stored on the leaf and the intend hodes can only stond the key values. listed together is the form of a Singly linked list to make the search more efficient. -> B+ trees are used to store the large amounts of it data which connot be stocked is Size of the main memory. Due to the fact the is always limited, the interest nodes of B+ the au stoud is the mais memory whereas leaf nodes are stored in the secondary memory The advantages of B+ +ree as: Records can be feet fetched is equal number of disk access.



| | (Sago: |
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| \rightarrow | The advantages of 8- |
| -> | Heights of the tree remains balanced and |
| | less compared to B tree. |
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| 7 | We can access the data stoud is a B+ tree |
| | sequentially as well as discetting |
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| <u>_</u> | Key are used for isdexing. |
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| \rightarrow | Fastis seasch quisies of the data is stored |
| | Fastig seasch quisies as the data is stored only on the leaf nodes. |
| and the second | |
| g | B+ tree of order 3. |
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