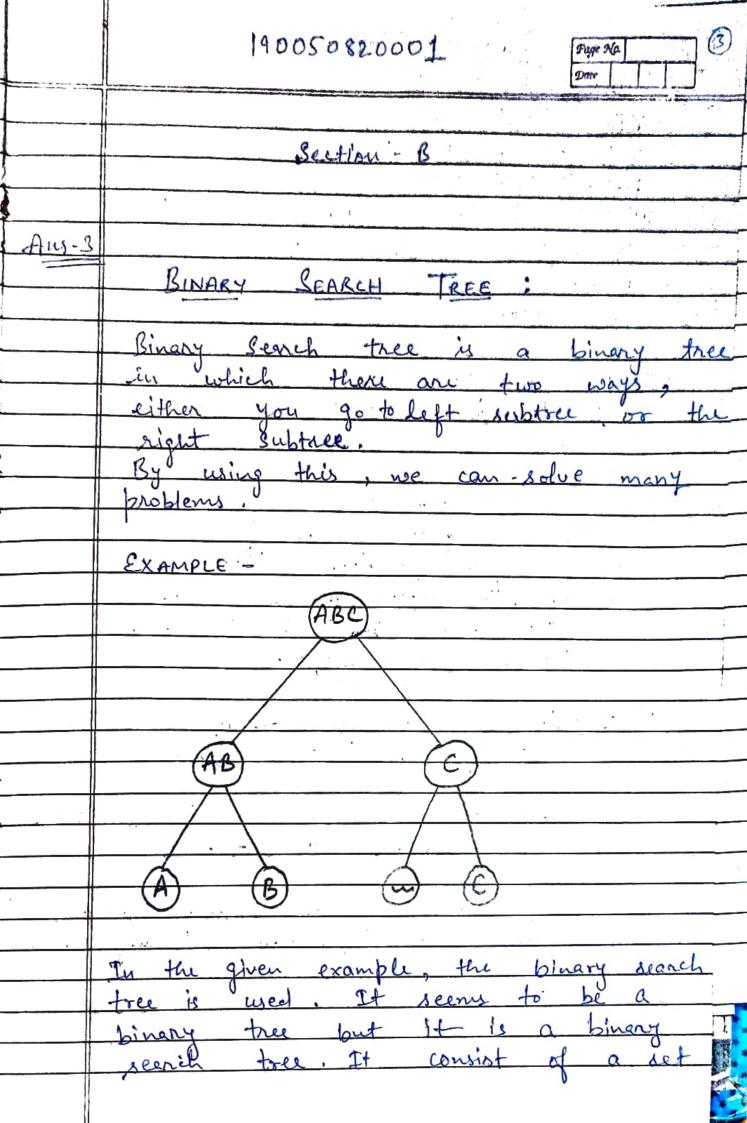
190050820001 Page No. | Date 21 06 202 3rd Sessional Subject: Date Structures using C Section - A Searching is a process of finding important churchs of data to from all the data available for example. Searching the number 62 from an array, a [5] = (61,62,63,64,65).

Some searching methods are . Sequential Search or linear Search.
. Binary Search Aug-I Similar Binary Tree:

The Whenever two Binary
thees are of game length and same
number of nodes then those trees are
penous as similar binary tree. called copies of binary tree when they have exact same structure and same biens hierachical order and nords

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	four commenty used sorting techniques
	are!
	i) Schection Sort
	ii) Quick Sont
	iii) Heap Sort
	iv) tournament
	iv) Menge Sort
Ans-5	Traversing of a Tree
	It is the process of
	visiting or reviewing the subtress and poot
	True Traversal pour bet of three types:
	True Traversal son bet of three types:
	is Preorder Traversal
	iin Inorder Traversal
	iii) Post order Traversal
Aus-6	Castina '
41.00	
	keys in ascending on descending order
3	from a set of data.
	Sorting is of different types, like:
	· Quick Sont · Menge Sont · Selection Cont · Tournament Sort
	- Insertion Sort - Heap Sort
	, etc.
	The state of the s



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	ABC. in the root node.
	If we want to search for A (data)
	living this then first we go to
	the root node (ABC) and then to
	the left subtree which contain AB
	and the into AB we will find
	A there.
	The operations associated with binary
	search tree are!
a)	Chea Line 1
	The first is creating a binary search
	tree. To create a binary seach free
	we use a function called INSERT
	insent eit creates a new mode with
	the data value provided to it, followed
	the data value provided to it, followed by the remaining steps.
	· ·
<del></del>	searching: We can use binary seach tree
	Searching! We can use binary seach tree to seach for required litems.
7	Deletion: We can use this, to delete some clata from data set.
(له_	Insertion: We can insert new data juto a new node by using binary seach tree.
	a new node by using binary seach
	tree.
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