

Contd...2

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8 a.	What is graph? List the ADT's of graph and discuss the each ADT in detail.	10
b.	With a C program, explain Binary Search Tree.	10
	UNIT - V	
9 a.	What is an AVL Binary Search tree? Write an algorithm to display elements of AVL tree.	10
b.	Explain red black tree and list the procedures and properties of red black tree to insert and	10
	delete an item.	10
10 a.	Explain Optimal Binary Search tree with an example.	10
b.	What is splay tree? Advantages of splay tree over AVL and Red black tree and also classify	10
	different types of splay tree	10

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