Design and Analysis of Algorithms

Spring 2020, Mid-Semester Assignment

Instructor: Muhammad AdilAsst: Prof: Total Marks: 30

Note: Attempt all questions.

Q	Part	Question			Marks
1	a	How would you be defining a Linked List? Design a Diagrammatic One Way Linked List for the given data.			05
	b				05
		Node#	Node Address	Node Data	
		1	3067	А	
		2	4500	В	
		3	2320	С	
		4	1980	D	
2		Apply Depth-First Technique on the given Tree.			15
3		How would You be defin Queues.	ning a Queue? Give som	me real life examples of	05